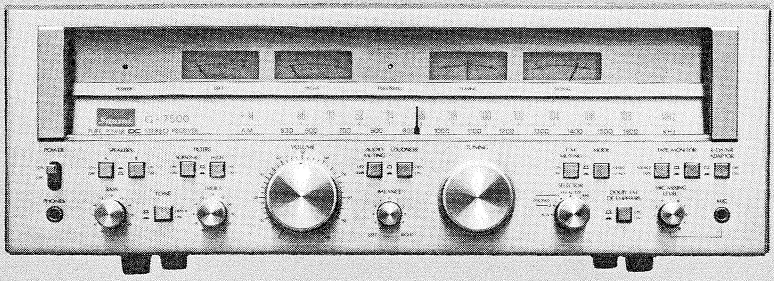
SERVICE MANUAL

PURE POWER DC STEREO RECEIVER

SANSUI G-7500



Sansui

SANSUI ELECTRIC CO., LTD.

SPECIFICATIONS

Audio section

Power output

Min. RMS, both channels driven, from 20 to 20,000 Hz, with no more than 0.025 % total harmonic distortion.

90 watts per channel into 8 ohms

Load impedance	8 ohms
Total harmonic distortion	less than 0.025 % at or below rated min. RMS power output
Intermodulation distortion (70 Hz : 7 kHz = 4:1 SMPTE method)	less than 0.025 % at rated power output
Rise time	1.4 μsec
Slew rate	60 V/μsec
Frequency response (at 1 watt)	
Overall (from AUX)	5 to 50,000 Hz +0.2 dB, −2.0 dB
Power amplifier	DC to 200 kHz, +0 dB, −3.0 dB
RIAA curve deviation (PHONO, 20 Hz to 20 kHz)	+0.2 dB, −0.2 dB
Damping factor (20 Hz to 20 kHz, both channels driven)	50 into 8 ohms
Input sensitivity and impedance (at 1 kHz)	
PHONO-1, 2	2.5 mV/47 kilohms
(Max. input capability:	240 mV at 1 kHz, less than 0.1 % toal harmonic distortion.)
MIC	6 mV/10 kilohms
TAPE-1, 2 PLAY, AUX	150 mV/47 kilohms
Output level (at 1 kHz)	
TAPE-1, 2 REC (pin jacks)	150 mV
TAPE-2 REC/PLAY (DIN socket)	43 mV
Hum and noise (short-circuit, A-network)	
PHONO-1, 2	78 dB
TAPE-1, 2 PLAY, AUX	95 dB
Channel separation (at 1 kHz)	
PHONO-1, 2	60 dB
TAPE-1, 2 PLAY, AUX	65 dB
Controls	
BASS	±10 dB at 50 Hz
TREBLE	±10 dB at 10 kHz
SUBSONIC FILTER	−3 dB at 16 Hz (6 dB/oct)
HIGH FILTER	−3 dB at 3 kHz (6 dB/oct)
LOUDNESS (VOLUME control: −30 dB position)	8 dB at 50 Hz 6 dB at 10 kHz
AUDIO MUTING	−20 dB

FM section

Tuning range	88 to 108 MHz
Usable sensitivity	
Mono IHF	10.3 dBf (1.8 μV)
DIN	1.0 μV
Stereo IHF	17 dBf
50 dB quieting sensitivity	
Mono	14 dBf
Stereo	36 dBf
Signal to noise ratio (at 65 dBf)	
Mono	72 dB
Stereo	68 dB
Distortion (at 65 dBf)	
Mono	less than 0.15 % at 100 Hz less than 0.13 % at 1,000 Hz less than 0.25 % at 6,000 Hz
Stereo	less than 0.25 % at 100 Hz less than 0.18 % at 1,000 Hz less than 0.25 % at 6,000 Hz
Alternate channel selectivity (at 400 kHz)	75 dB
Capture ratio	1.0 dB
Image response ratio	70 dB
Spurious response ratio	90 dB
IF response ratio	95 dB
Stereo separation	35 dB at 100 Hz 42 dB at 1,000 Hz 30 dB at 10,000 Hz 25 dB from 30 to 15,000 Hz
Frequency response	30 to 15,000 Hz +0.2 dB, −1.0 dB
Antenna input impedance	300 ohme balanced 75 ohms unbalanced

to be continued

Specifications

AM section

Tuning range . . . . 530 to 1,600 kHz
Usable sensitivity (bar antenna)
. . . . 50 dB/m (300 μV/m)
Selectivity (±10 kHz) . . 35 dB
Signal to noise ratio . . . 46 dB
Distortion (at 30 % Modulation, 80 dB/m)
. . . . less than 0.5 %

Others

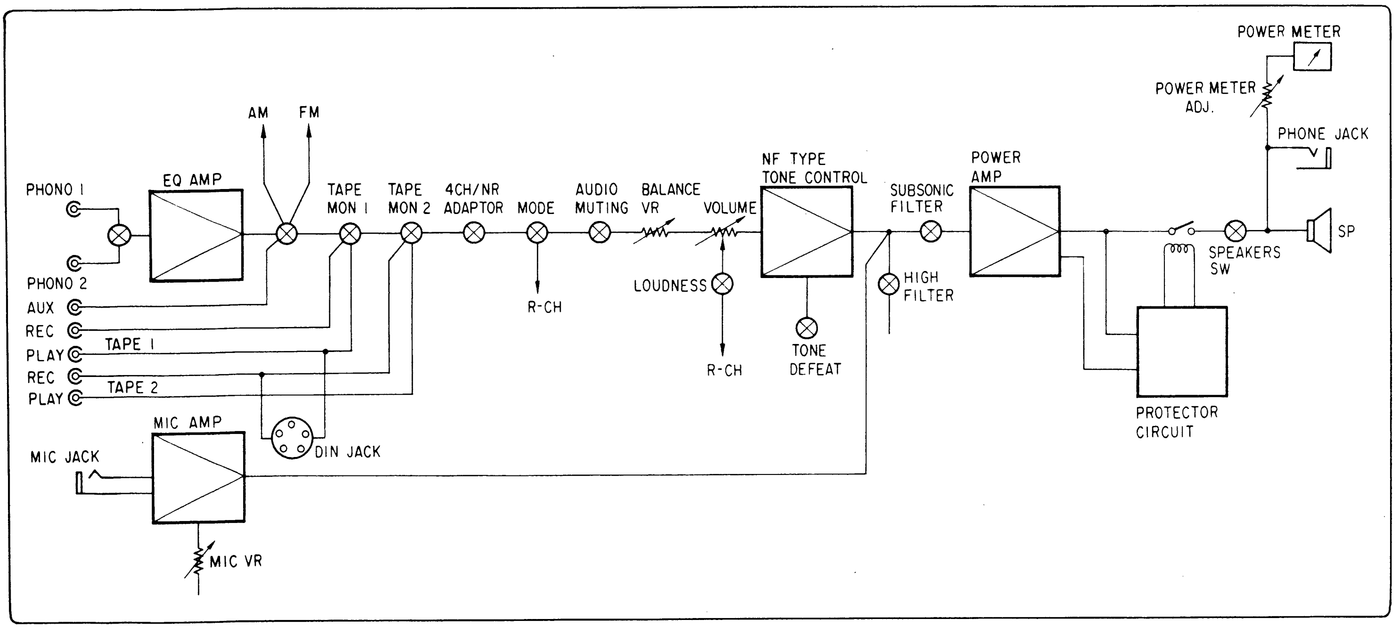
Power requirements
Power voltage . . . . . . 100, 120, 220, 240 V (50/60 Hz)
For U.S.A. and Canada
. . . . 120 V (60 Hz)
Power consumption
Rated consumption . 285 watts 350 VA

Dimensions . . . . 505 mm (19-15/16") W
182 mm (7-1/8") H
409 mm (16-1/8") D
Weight . . . . 17.2 kg (37.9 lbs) net
19.7 kg (43.4 lbs) packed

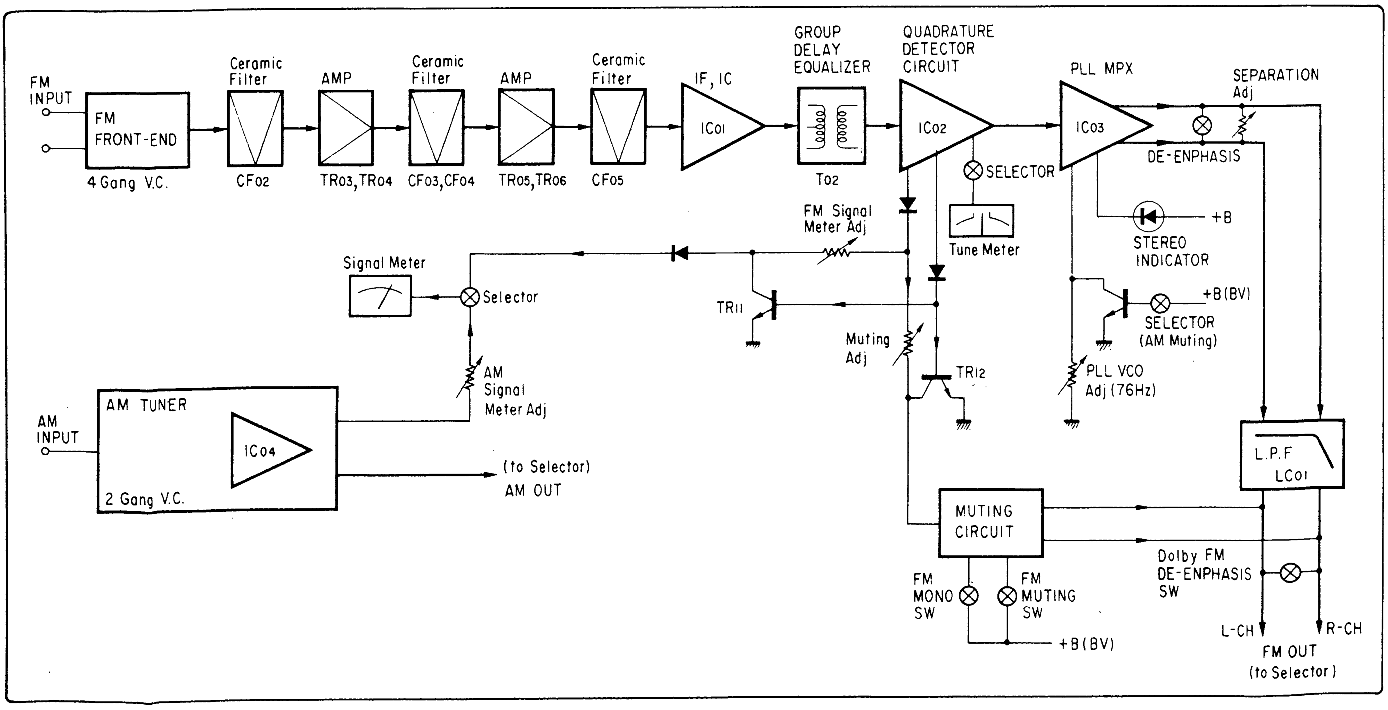
* Design and specifications subject to change without notice for improvements.

1. BLOCK DIAGRAM

1-1. Audio Section


POWER METER
POWER METER ADJ.
PHONE JACK
SP
SPEAKERS SW
AM
FM
PHONO 1
EQ AMP
TAPE MON 1
TAPE MON 2
4CH/NR ADAPTOR
MODE
AUDIO MUTING
BALANCE VR
VOLUME
NF TYPE TONE CONTROL
SUBSONIC FILTER
POWER AMP
PHONO 2
AUX
REC
TAPE 1
PLAY
REC
TAPE 2
PLAY
R-CH
LOUDNESS
R-CH
TONE DEFEAT
HIGH FILTER
PROTECTOR CIRCUIT
MIC AMP
MIC JACK
DIN JACK
MIC VR

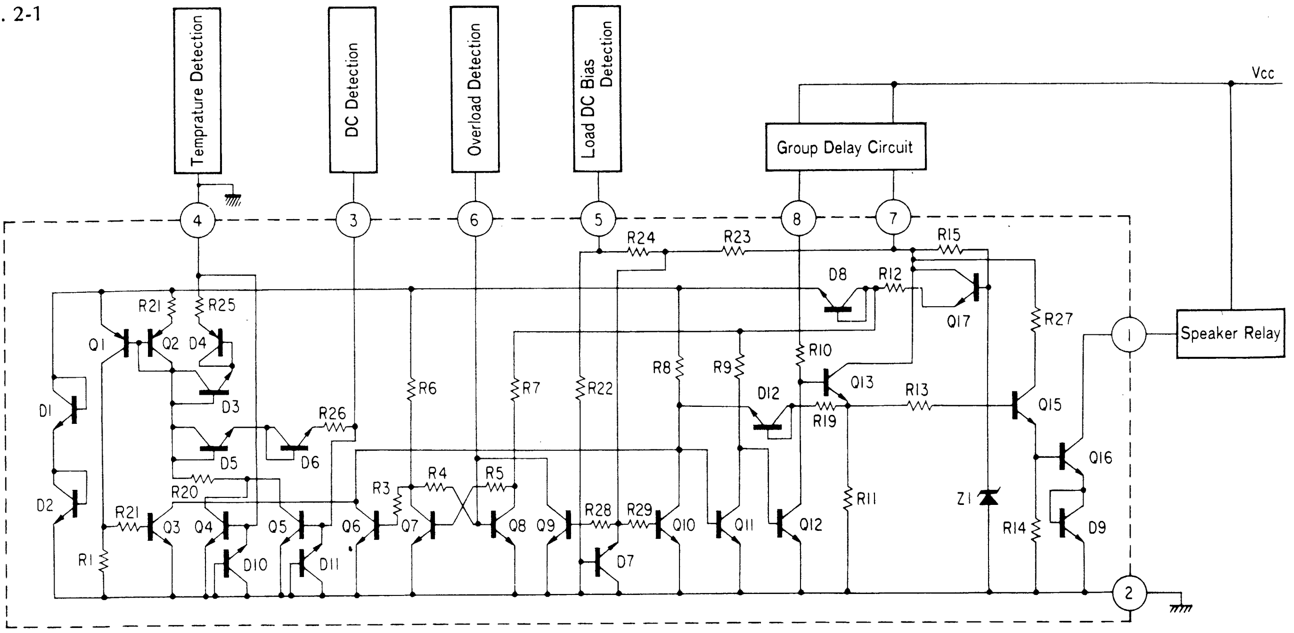
1-2. Tuner Section


FM INPUT
FM FRONT-END
4 Gang V.C.
Ceramic Filter
CF02
AMP
TR03, TR04
Ceramic Filter
CF03, CF04
AMP
TR05, TR06
Ceramic Filter
CF05
IF, IC
IC01
GROUP DELAY EQUALIZER
T02
QUADRATURE DETECTOR CIRCUIT
IC02
SELECTOR
PLL MPX
IC03
SEPARATION Adj
DE-ENPHASIS
FM Signal Meter Adj
Tune Meter
STEREO INDICATOR
+B
Signal Meter
Selector
TR11
Muting Adj
TR12
PLL VCO Adj (76Hz)
+B (BV)
SELECTOR (AM Muting)
AM Signal Meter Adj
AM INPUT
AM TUNER
IC04
2 Gang V.C.
(to Selector) AM OUT
L.P.F LC01
MUTING CIRCUIT
Dolby FM DE-ENPHASIS SW
FM MONO SW
FM MUTING SW
+B (BV)
L-CH
R-CH
FM OUT (to Selector)

2. OPERATION

2-1. Protector Circuit With IC, HA12002

Fig. 2-1


Temprature Detection
DC Detection
Overload Detection
Load DC Bias Detection
Group Delay Circuit
Vcc
Speaker Relay
4
3
6
5
8
7
1
2
R24
R23
R15
D8
R12
Q17
R27
R21
R25
Q1
Q2
D4
R10
R8
R9
Q13
R13
D12
R19
Q15
D1
R6
R7
R22
D3
R26
D5
D6
Q16
R4
R5
R20
R3
R28
R29
R11
Z1
D2
R21
Q3
Q4
Q5
Q6
Q7
Q8
Q9
Q10
Q11
Q12
R14
D9
R1
D10
D11
D7

The fanction of temprature detection is not used in this model.

Protector circuit with IC, HA-12002

This protector IC provides the input terminals for detecting ±DC voltage, Overload, temperature rise, and pop-noise occurred at switching the power, and output terminal for switching the speaker relay. By the function above, when there are any disorder with amplifier, the output is immediately separated from speaker to protect amplifier.

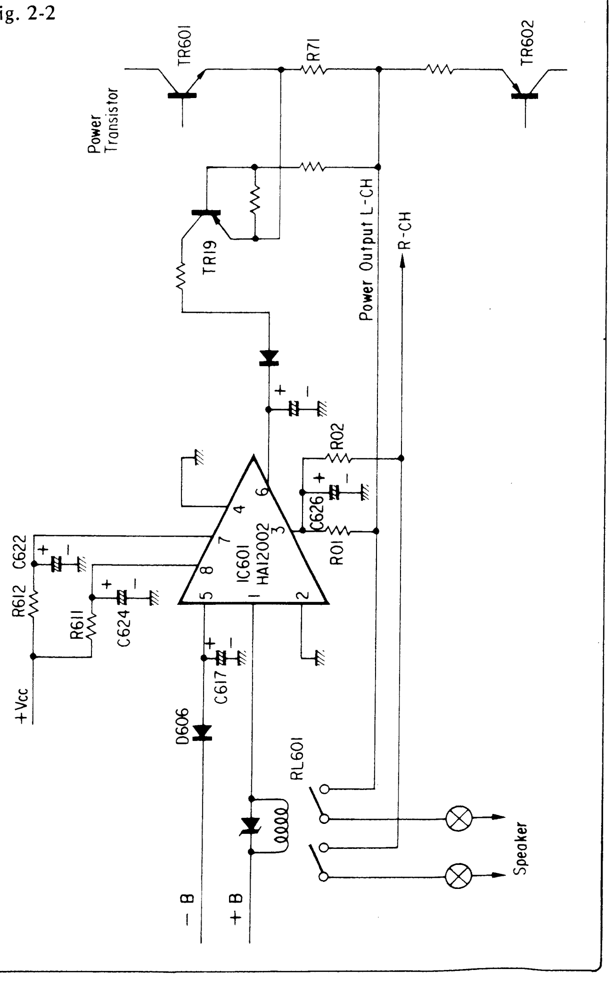
* Prevention against pop-noise at switching the power.
Since the relay RL601 remains OFF for a certain period by the time constant of R611 and C624 when power switch is turned ON, the pop-noise can be eliminated. When turning OFF the power switch, the voltage drop of pin No. 5 is faster than that of Pin No. 7, 8, therefore, the speaker relay turns OFF as soon as power is switched OFF. Resultly, the pop-noise occurred at switching the power OFF is eliminated.

* ±DC voltage detection
When DC voltage over +1.6V and under −1.86V are applied to pin No. 3 to be its voltage detected by R01, R02, and C626, the speaker relay is turned OFF.

* Detection against overload
When speaker terminal of amplifier is shorted or over loaded, the excessive current flows into emitter resistor R71 of power transistor and makes TR19 ON and if the DC voltage of pin No. 6 rises over +1.4V by above phenomenone, the relay is turned OFF. The relay is kept OFF in spite of the DC voltage being dropped. In order to reset the relay, it is necessary to turn the power switch OFF.

* Detection against temperature rise
As this function is not used in this model, pin No. 4 is grounded.

Fig. 2-2


TR601
R71
TR602
Power Transistor
TR19
Power Output L-CH
R-CH
R02
C626
R01
C622
R612
R611
C624
IC601 HA12002
1
2
3
4
5
6
7
8
C617
+Vcc
D606
RL601
Speaker
−B
+B

3. ADJUSTMENTS

●Abbreviations

Equipment

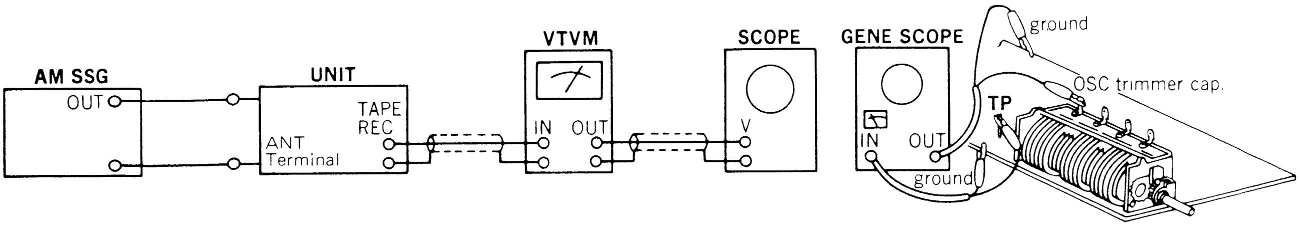
AM FM Generator Oscilloscope	Genescope
AM Standard Signal Generator	AM SSG
FM Standard Signal Generator	FM SSG
FM Stereo Generator	Stereo SG
Oscilloscope	Scope
Audio Oscillator	Audio Osc.
Distortion Meter	Dist. Meter

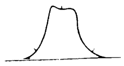
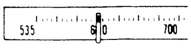
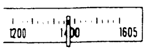
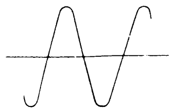
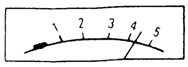
Others

Clockwise	CW.
Counterclockwise	CCW.
Antenna	ANT.
Modulation	MOD.

3-1. AM IF, RF Adjustment & Dial Calibration (See Fig. 3-1 on page 5)

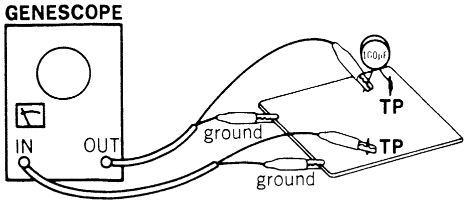
Note: 1. Selector . . . . AM
2. Confirm start point of dial pointer before alignment.

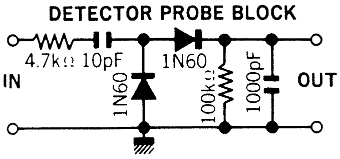

AM SSG
OUT
UNIT
TAPE REC
ANT Terminal
VTVM
IN
OUT
SCOPE
V
GENE SCOPE
IN
OUT
ground
OSC trimmer cap.
TP
ground

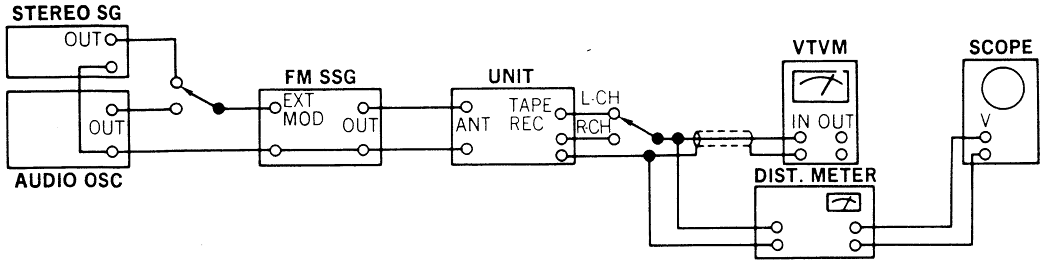
STEP	SUBJECT	FEED SIGNAL		MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARKS
		FROM	TO				
1.	IF Coil	Genescope Output 45 dB	VT01b F-2614	TP6 F-2614	T06, T07 F-2614	Max. IF waveform	
2.	600 kHz Dial Calibration	600 kHz ANT Input 60 dB 400 Hz (MOD 30%) AM SSG	AM ANT terminal	REC OUT L or R-CH VTVM & Scope	L13 F-2614	Max. Output	
	1400 kHz Dial Calibration	1400 kHz ANT Input 60 dB 400 Hz (MOD 30%) AM SSG	Same as above	Same as above	VT01d F-2614	Same as above	 1200 1400 1605
3.	600 kHz RF Adj.	600 kHz ANT Input 60 dB 400 Hz (MOD 30%) AM SSG	Same as above	Same as above	L702 Bar Antenna	Same as above	
	1400 kHz RF Adj.	1400 kHz ANT Input 60 dB 400 Hz (MOD 30%) AM SSG	Same as above	Same as above	VT01b F-2614	Same as above	
4.	Signal Meter volume	1000 kHz ANT Input 76 dB 400 Hz (MOD 30%) AM SSG	Same as above	Signal Meter	VR05 F-2614	4.3 on meter	

3-2. FM Adjustment (See Fig. 3-1 on page 5)

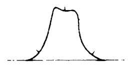
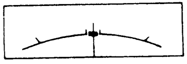
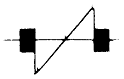
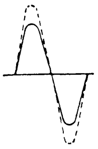
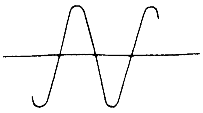
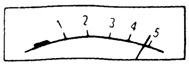
Note: 1. Selector . . . . FM AUTO
2. FM Muting Switch . . . . OFF
3. Connect the output of genescope to TP through 100 pF ceramic capacitor.


GENESCOPE
IN
OUT
100pF
TP
ground
TP
ground


DETECTOR PROBE BLOCK
4.7kΩ 10pF
1N60
IN
1N60
100kΩ
1000pF
OUT


STEREO SG
OUT
OUT
AUDIO OSC
FM SSG
EXT MOD
OUT
UNIT
ANT
TAPE REC
L-CH
R-CH
VTVM
IN OUT
SCOPE
V
DIST. METER

(1) FM IF, RF Adjustment & Dial Calibration

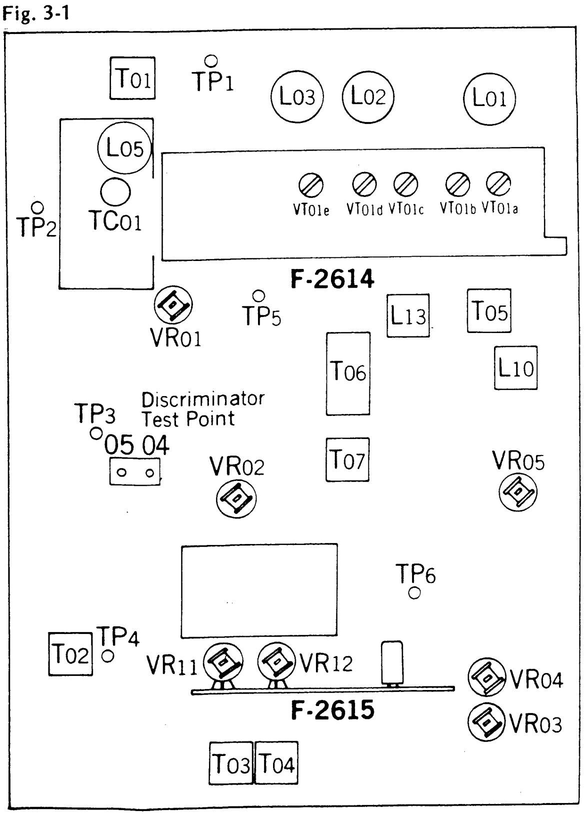
STEP	SUBJECT	FEED SIGNAL		MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARKS
		FROM	TO				
1.	IF Coil	Output 90 dB Genescope	TP1 F-2614	TP3 F-2614 Use Detector Probe	T01 F-2614	Max. IF waveform	
		Output 80 dB Genescope	Same as above	TP4 F-2614 Use Detector Probe	T02 F-2614	Same as above	
2.	Discriminator Coil	Output 50 dB Genescope	Same as above	TM04(Pin Ass'y) F-2614	T03	Center indication on tune meter Max. linearily of S curve	 
					T04 F-2614	Steep linearity of S curve Set output wave to dip point (It's minimum distortion)	
3.	90 MHz Dial Calibration	90 MHz ANT Input 40 dBf (34.8 dB) 1 kHz (100% MOD) FM SSG	ANT terminal 300Ω	REC OUT L or R-CH VTVM & Scope	L05 F-2614	Max. Output	
	106 MHz Dial Calibration	106 MHz ANT Input 40 dBf (34.8 dB) 1 kHz (100% MOD) FM SSG	Same as above	Same as above	TC01 F-2614	Same as above	
4.	90 MHz RF Adj.	90 MHz ANT Input 30 dBf (24.8 dB) 1 kHz (100% MOD) FM SSG	Same as above	Same as above	L01, L02, L03 F-2614	Same as above	
	106 MHz RF Adj.	106 MHz ANT Input 30 dBf (24.8 dB) 1 kHz (100% MOD) FM SSG	Same as above	Same as above	VT01a, VT01c, VT01e F-2614	Same as above	
5.	Signal Meter Volume	98 MHz ANT Input 105 dBf (99.8 dB) 1 kHz (100% MOD) FM SSG	Same as above	Signal Meter	VR11 F-2615	4.7 on Meter	

(2) FM STEREO Adjustment

STEP	SUBJECT	FEED SIGNAL		MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARKS
		FROM	TO				
1.	PLL VCO Adj.	98 MHz ANT Input 65 dBf (59.8 dB) FM SSG Pilot 19 kHz (9% MOD) SUB 1 kHz + Pilot (100% MOD) STEREO SG	ANT terminal 300Ω	Stereo indicator	VR01 F-2614	Light indicator	Adjust the VR within center of lighting level.
	PLL VCO Adj. In case of using Freq. counter.	98 MHz ANT Input 65 dBf (59.8 dB) FM SSG (no MOD)	Same as above	TP5 F-2614 Use Freq. counter	VR01 F-2614	76 kHz ±200 Hz	For this adjustment, run the unit more than 30 seconds.
2.	Separation	98 MHz ANT Input 65 dBf (59.8 dB) FM SSG Pilot 19 kHz (9% MOD) R Mode 1 kHz + Pilot (100% MOD) STEREO SG	ANT terminal 300Ω	REC OUT L-CH VTVM & Scope	VR02 F-2614	Min. Output −40 dB	Confirm separation L-CH → R-CH −40 dB
3.	Muting level & indicator level	98 MHz ANT Input 23 dBf (17.8 dB) FM SSG Pilot 19 kHz (9% MOD) SUB 1 kHz + Pilot (100% MOD) STEREO SG	Same as above	Stereo indicator	VR12 F-2615	Muting level 23 dBf (17.8 dB) Indicator lighting level 23 dBf (17.8 dB)	

- **Adjusting or Connecting Points on AM, FM & FM MPX circuit board, F-2614 & F-2615**

Fig. 3-1


T01
TP1
L03
L02
L01
L05
TC01
TP2
VT01e
VT01d
VT01c
VT01b
VT01a
F-2614
VR01
TP5
L13
T05
T06
L10
TP3
Discriminator Test Point
05 04
VR02
T07
VR05
TP6
T02
TP4
VR11
VR12
VR04
F-2615
VR03
T03
T04

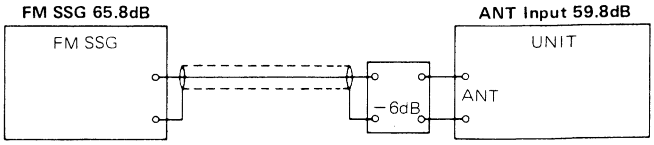
•NEW MEASUREMENT FOR FM.

Input signal level under the provision of IHFM-T-200, a new measurement method is indicated by available power ratio "dBf" To obtain approximate available power ratio "dBf", abstract 0.8 from attenuater indication of general FMSG (open load indication type); however, the former measurement, IHFM-T-100 is designated together too.

The way of modulation on IHFM-T-200 is shown below.

	modulation frequency	modulation mode	modulation fuctor
FM MONO	1000 Hz		100%
FM STEREO	1000 Hz	SUB	Pilot 9% Pilot + SUB 100%

- The relation between the standard input 65 dBf of IHFM-T-200 and the former indication "dB" is shown below.


FM SSG 65.8dB
ANT Input 59.8dB
FM SSG
UNIT
−6dB
ANT

3-3. Audio Section

(1) Driver Circuit Board Adjustments (See Fig. 3-2 & 3-4)

Note: 1. Master Volume .... Minimum

2. For adjustment, run the unit for more than 3 minutes after the power is switched on.

STEP	SUBJECT	EQUIPMENT	MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARKS
1.	DC 0V L-CH	DC Volt Meter Fig. 3-4	Speaker Terminal	VR01 F-2980	DC 0V ±5mV	o Before turning ON power switch, set VR01 and VR02 to center position.
2.	DC 0V R-CH	Same as above Fig. 3-4	Same as above	VR02 F-2980	DC 0V ±5mV	
3.	Bias Current L-CH	Same as above Fig. 3-2	Points between emitters of TR601 and TR602 F-2981	VR03 F-2980	DC 10mV ±1mV	o By turning VR03 and VR04 clockwise, the bias current is decreased gradually.
4.	Bias Current R-CH	Same as above Fig. 3-2	Points between emitters of TR601 and TR602 F-2981	VR04 F-2980	DC 10mV ±1mV	

(2) Power Meter Adjustments (See Fig. 2-3)

Note: 1. Master Volume .... Maximum

2. For this adjustment, run the unit for more than 2 minutes after turning on the power switch.

AUDIO OSCILLATOR		OUTPUT TERMINAL	ADJUST	ADJUST FOR
OUTPUT	CONNECTING POINT			
At 1 kHz Sine wave, set the amplifier-output to 20V on both channels by adjusting Audio Osc.-output level	Input terminal of Amplifier	Speaker terminal 8Ω VTVM Scope	VR01 (L-CH) VR02 (R-CH) on F-2860	Set the point of power meter to 50W on both channels

Fig. 3-2

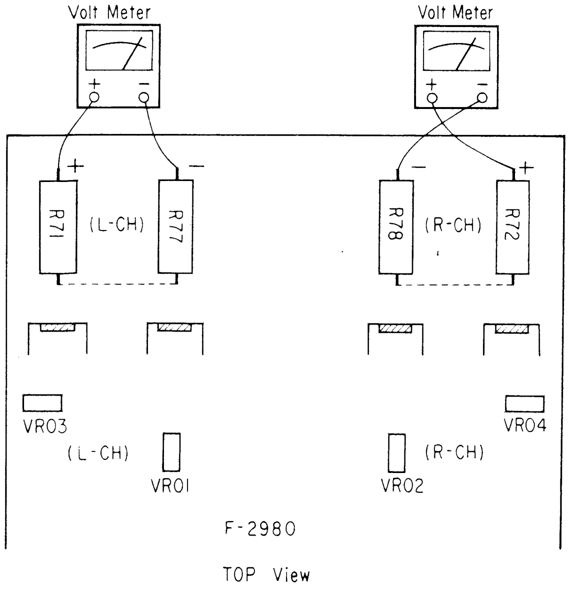

Volt Meter
Volt Meter
+
−
+
−
+
−
−
+
R71
(L-CH)
R77
R78
(R-CH)
R72
VR03
VR04
(L-CH)
(R-CH)
VR01
VR02
F-2980
TOP View

Fig. 3-3

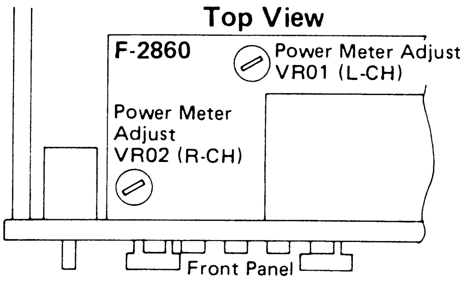
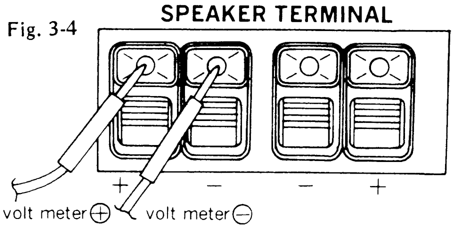

Top View
F-2860
Power Meter Adjust VR01 (L-CH)
Power Meter Adjust VR02 (R-CH)
Front Panel

Fig. 3-4

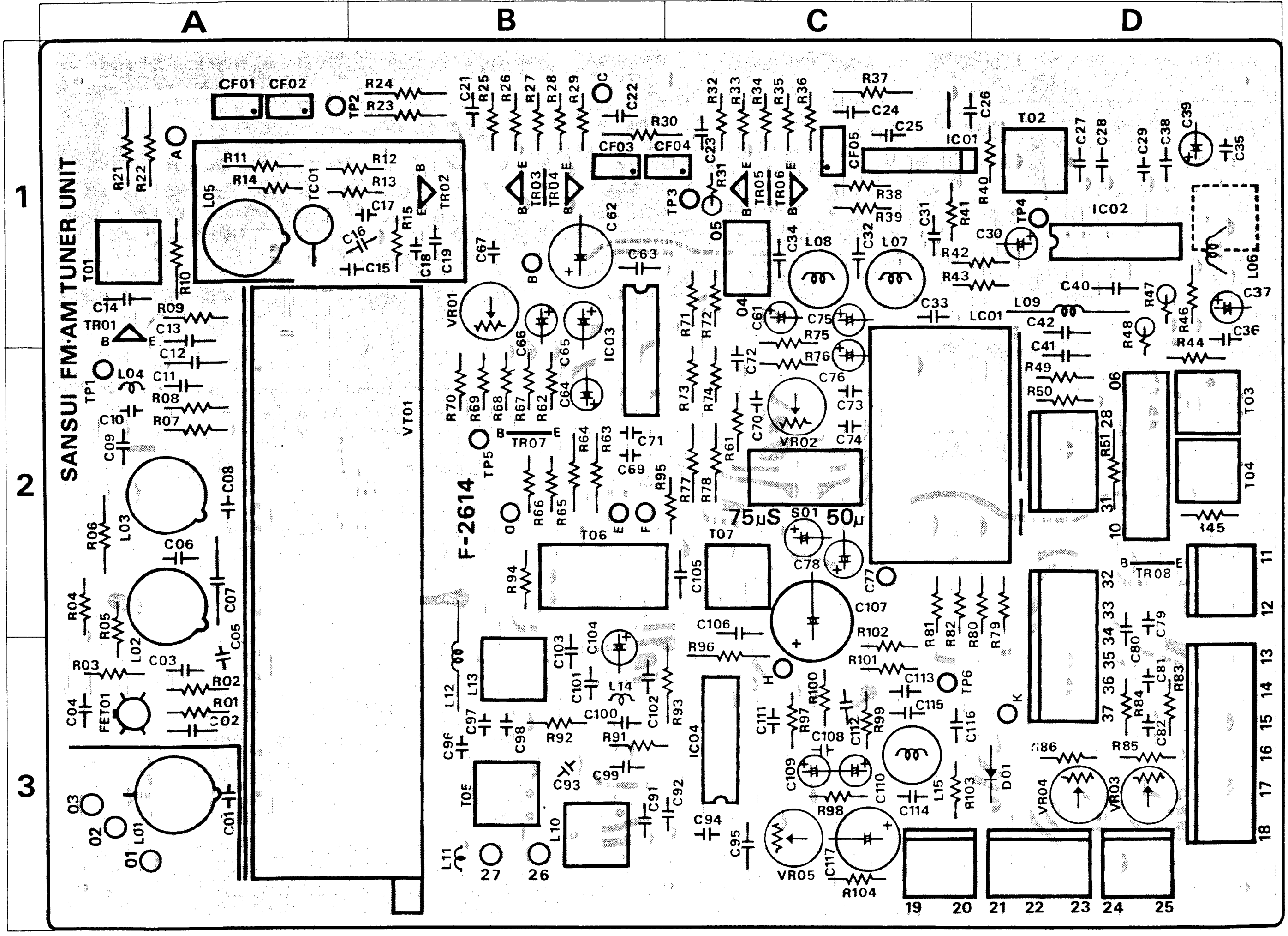

SPEAKER TERMINAL
+
−
−
+
volt meter⊕
volt meter⊖

4. PARTS LOCATION & PARTS LIST

* Since some of capacitors and resistors are omitted from parts lists in this Service Manual, refer to the Common Parts List for capacitors & resistors which was appended previously to each Sansui Manual.

4-1. F-2614 RF Circuit Board (Stock No. 7522091)

Conductor Side

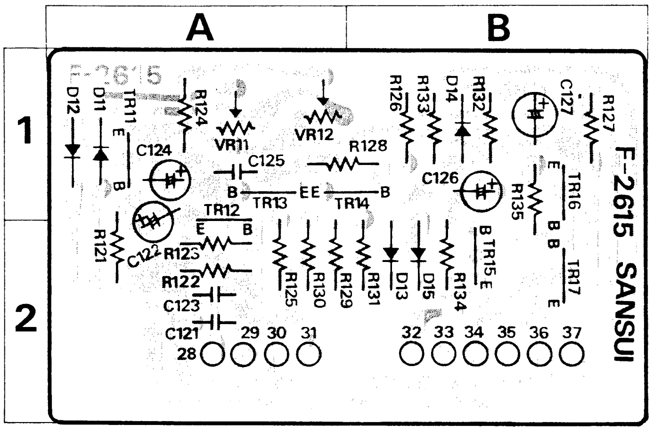

A
B
C
D
1
2
3
SANSUI FM·AM TUNER UNIT
F-2614
CF01
CF02
CF03
CF04
CF05
TO1
TO2
TO3
TO4
TO5
TO6
TO7
TR01
TR02
TR03
TR04
TR05
TR06
TR07
TR08
IC01
IC02
IC03
IC04
FET01
TC01
VT01
VR01
VR02
VR03
VR04
VR05
LC01
L01
L02
L03
L04
L05
L06
L07
L08
L09
L10
L11
L12
L13
L14
L15
D01
S01
75μS
50μ
TP1
TP2
TP3
TP4
TP5
TP6
R104
C117
19
20
21
22
23
24
25
26
27

Parts List

Parts No.	Stock No.	Description	Position
●Transistors			
TR01	0305801, 2	2SC1047 B, C	1A
TR02	0305801, 2	2SC1047 B, C	1B
TR03	0306341, 2	2SC1674 K, L	1B
TR04	0306341, 2	2SC1674 K, L	1B
TR05	0306341, 2	2SC1674 K, L	1C
TR06	0306341, 2	2SC1674 K, L	1C
TR07	0305731, 2 0305951, 2	2SC711 E, F 2SC945 Q, R	2B
●ICs			
IC 01	0360120	μPC555H	1C
IC 02	0360350	HA1137W	1B
IC 03	0360320	HA1196	1, 2B
IC 04	0360800	LA1240	3C
●FET			
FET01	0370120, 1	3SK41 K, L	3A
●Diode			
D 02	0311160 0311180	1S2473D 1S1588	
C 01	0669325	15pF 50V C.C.	3A
C 05	0669325	15pF 50V C.C.	2A
C 08	0669325	15pF 50V C.C.	2A
C 09	0669210	10pF 50V C.C.	2A
C 12	0679008	1pF 500V Gimmic Capacitor	1A, B
C 15	0669330	20pF 50V C.C.	1A, B
C 16	0669295	10pF 50V C.C.	1B
C 17	0669295	10pF 50V C.C.	1B
C 18	0669295	10pF 50V C.C.	1D
C 29	0661330	33pF 50V C.C.	1B
C 65	0573159	1.5μF 35V T.C.	1B
C 67	0629005	360pF 50V P.C.	2C
C 73	0620561	560pF 50V P.C.	2C
C 74	0620561	560pF 50V P.C.	3B
C 96	0669400	15pF 50V C.C.	3B
C 97	0669400	15pF 50V C.C.	3B
C 98	0620361	360pF 50V P.C.	
R 63	0200471	470Ω 1/2W N.I.R.	
L 01	4200720	Antenna Coil	2, 3A
L 02	4210340	RF Coil	2A
L 03	4210340	RF Coil	2A
L 04	4900140	1μH Inductor	1A
L 05	4220400	OSC Coil	1D
L 06	4290300	Inductor	1C
L 07	4900250	8.2μH Inductor	1C
L 08	4900240	6.8μH Inductor	1D
L 09	4290011	Choke Coil	3B
L 11	4900100	3.3μH Inductor	2, 3B
L 12	4290011	Choke Coil	
L 13	4220650	OSC Coil	3B
L 14	4900110	100μH Inductor	
L 16	4900100	3.3μH Inductor	
T 01	4235930	10.7MHz IF Coil	1D
T 02	4235930	10.7MHz IF Coil	2D
T 03	4235990, 1	FM IFT 10.7MHz	
T 04	4236000, 1	IF Coil 10.7MHz	2D
T 06	0910280	Ceramic Filter 455kHz	2B
T 07	4230620	IF Coil 455kHz	2C
CF 02	0910420	Ceramic Filter 10.7MHz	1A
CF 03	0910420	Ceramic Filter 10.7MHz	1B
CF 04	0910420	Ceramic Filter 10.7MHz	1B, C
CF 05	0910420	Ceramic Filter 10.7MHz	1C
LC01	0910360	Low Pass Filter	2C
VR01	1034250	4.7kΩ B PLL VCO Adjust Volume	1B
VR02	1035190	100kΩ B MPX Separation Volume	2C
VR05	1035110	4.7kΩ B AM Signal Meter Adjust Volume	3C
S 01	1110270	De-emphasis Switch	
VT01	1220260	AM-FM Variable Capacitor	2B
TC01	1230090	Trimmer Capacitor	1A
	2410570	5P Pin Ass'y Type D	
	2410850	4P Pin Ass'y Type B	
	2410860	6P Pin Ass'y Type B	
	2410950	6P Pin Ass'y Type E	

4-2. F-2615 FM Muting Circuit Board (Stock No. 7522101)

Conductor Side

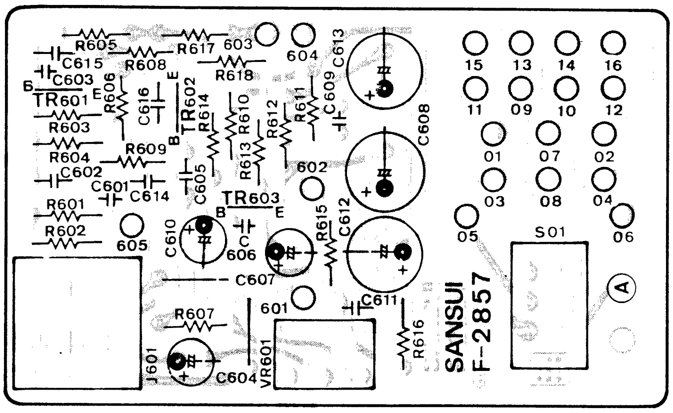

A
B
1
2
F-2615
D12
D11
TR11
R124
VR11
VR12
R128
C124
C125
TR12
B
EE
B
TR13
TR14
R126
R133
D14
R132
C127
R127
C126
R135
TR16
R121
C122
R123
R122
C123
C121
R125
R130
R129
R131
D13
D15
R134
TR15
TR17
28
29 30 31
32 33 34 35 36 37
F-2615 SANSUI

Parts List

Parts No.	Stock No.	Description	Position
•Transistors			
TR11	0306390, 1	2SC1636-1, 2	1A
TR12	0305731, 2 0305951, 2	2SC711 E, F 2SC945 P, Q	1A
TR13	0305731, 2 0305951, 2	2SC711 E, F 2SC945 P, Q	1A
TR14	0305731, 2 0305951, 2	2SC711 E, F 2SC945 P, Q	1B
TR15	0300510, 1	2SA733A P, Q	2B
TR16	0306390	2SC1636-1	1B
TR17	0306390	2SC1636-1	2B
•Diodes			
D 11	0311160 0311180	1S2473D 1S1588	1A
D 12	0311160 0311180	1S2473D 1S1588	1A
D 13	0311160 0311180	1S2473D 1S1588	2B
D 14	0311160 0311180	1S2473D 1S1588	1B
D 15	0311160 0311180	1S2473D 1S1588	2B
D 16	0311160 0311180	1S2473D 1S1588	
D 17	0311160 0311180	1S2473D 1S1588	
VR11	1035410	47kΩ B, FM Signal	1A
VR12	1035430	100kΩ B, FM Muting	1A
	2420510	4P Connector Ass'y Type B	
	2420520	6P Connector Ass'y Type A	

4-3. F-2857 MIC AMP. Circuit Board (Stock No. 7610411)

Conductor Side

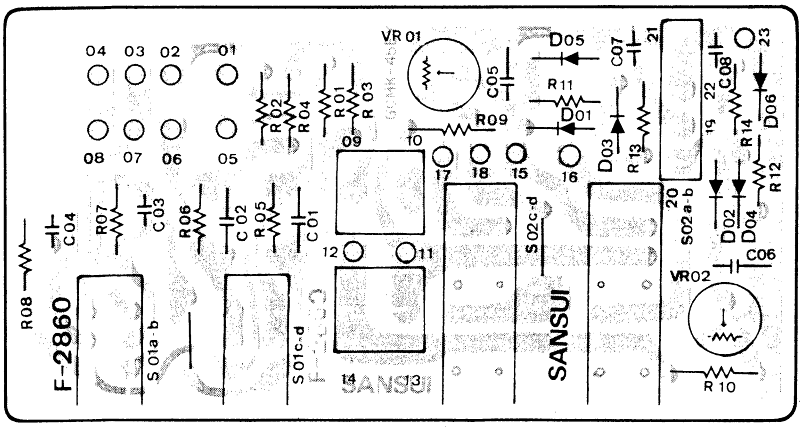

R605
C615
R608
R617
603
604
C613
R618
C603
TR601
R606
C616
TR602
R614
R610
R612
R611
C609
C608
R603
R609
R604
C602
C601
C605
R613
602
C614
R601
TR603
R602
605
C610
606
R615
C612
C607
R607
601
C611
R616
J601
C604
VR601
SANSUI F-2857
15 13 14 16
11 09 10 12
01 07 02
03 08 04
05 S01 06
A

Parts List

Parts No.	Stock No.	Description
•Transistors		
TR601	0306070, 1	2SC1313 F, G
TR602	0300470	2SA726 (W) F
TR603	0306740, 1	2SC1845 F, E
C 609	0620681	680pF 50V P.C.
R 617	0191470	47Ω 1/4W F.R.
R 618	0191470	47Ω 1/4W F.R.
VR601	1090270, 1	Mic Volume
S 01	1131620, 1	Dolby FM De-emphasis Switch
J 601	2430400	Mic Jack

4-4. F-2860 Speaker Switch Circuit Board (Stock No. 7597181)

Conductor Side

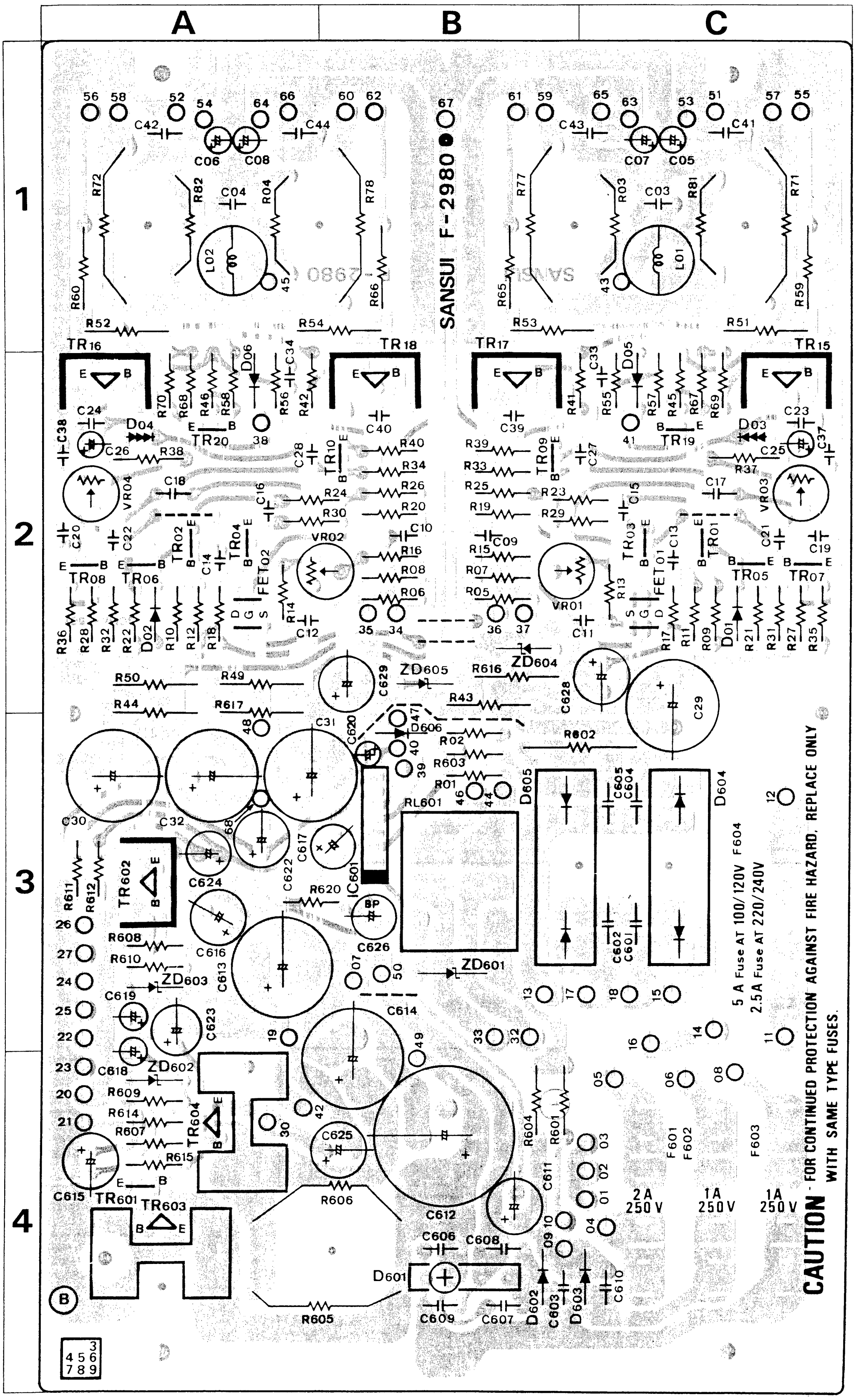

04 03 02 01
08 07 06 05
VR 01
D05
C07
21
23
C05
R11
R02
R04
R01
R03
R09
D01
C08
D06
09
10
17 18 15 16
D03
R13
R14
R12
19
22
C04
R07
C03
R06
C02
R05
C01
20
S02a-b
D02
D04
12
11
S02c-d
C06
VR02
R08
F-2860
S01a-b
S01c-d
14
13
SANSUI
R10

Parts List

Parts No.	Stock No.	Description
•Diodes		
D 01, 02	0311160 0311180	1S2473D 1S1588
D 03, 04	0310330	1N60
D 05, 06	0311160 0311180	1S2473D 1S1588
R 09, 10	0200471	470Ω 1/2W N.I.R.
VR01, 02	1035110	4.7kΩ B Power Meter Adjust Volume
S 01	1131560, 1	High Filter & Subsonic Filter Switch
S 02	1131580, 1	Speaker Switch
	2410590	4P Pin Ass'y Type D
	2410910	2P Pin Ass'y Type E

4-5. F-2980 Power Supply & Driver Circuit Board (Stock No. 7572181)

Conductor Side

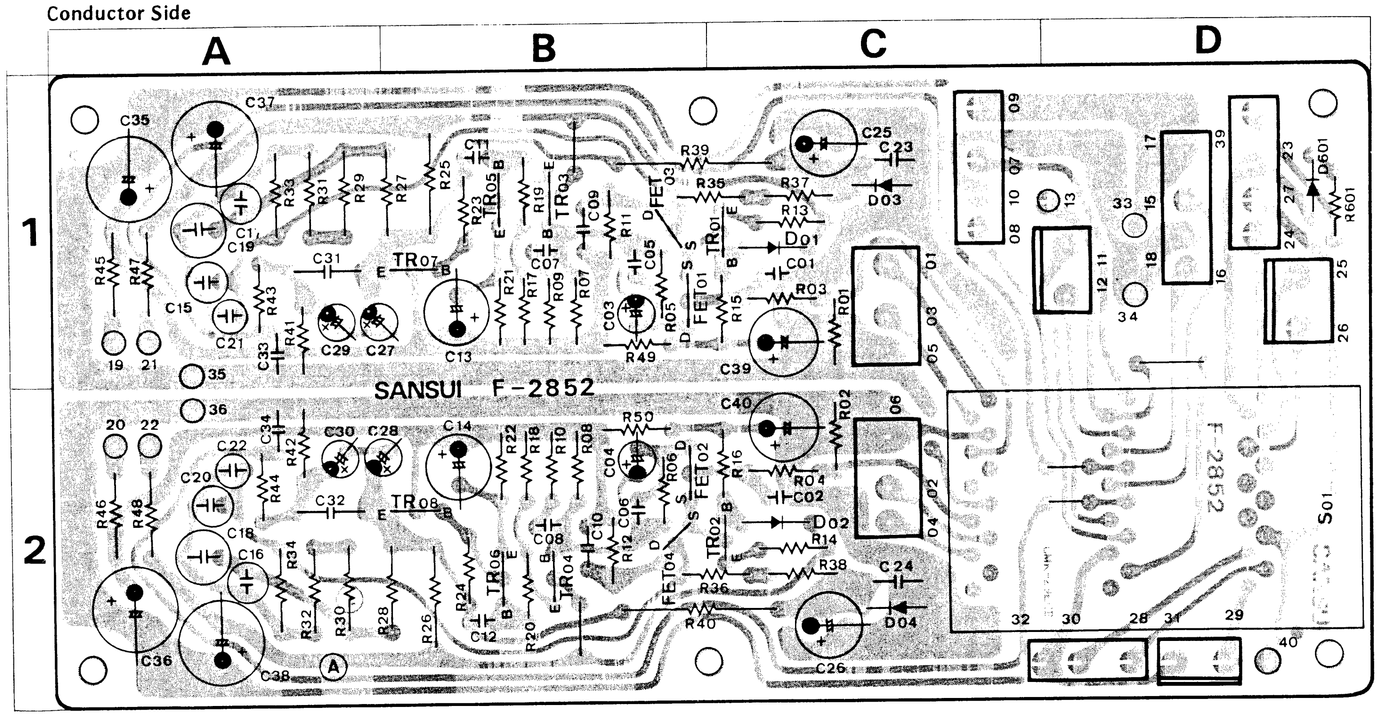

A
B
C
1
2
3
4
SANSUI F-2980
TR16
TR18
TR17
TR15
TR20
TR19
TR02
TR04
TR01
TR03
TR05
TR06
TR07
TR08
TR09
TR10
FET01
FET02
VR01
VR02
VR03
VR04
L01
L02
D01
D02
D03
D04
D05
D06
D601
D602
D603
D604
D605
D606
ZD601
ZD602
ZD603
ZD604
ZD605
TR601
TR602
TR603
TR604
IC601
RL601
C612
C613
C614
C625
F601
F602
F603
F604
2A 250V
1A 250V
1A 250V
5 A Fuse AT 100/120V
2.5 A Fuse AT 220/240V
CAUTION - FOR CONTINUED PROTECTION AGAINST FIRE HAZARD, REPLACE ONLY WITH SAME TYPE FUSES.

Parts List

Parts No.	Stock No.	Description	Position
•Transistors			
TR01, 02	0306740, 1	2SC1845 F, E	2C.2A
TR03, 04	0306740, 1	2SC1845 F, E	2C.2A
TR05, 06	0301030, 1	2SA939 B, V	2C.2A
TR07, 08	0301030, 1	2SA939 B, V	2C.2A
TR09, 10	0306680, 1	2SC2071 B, V	2B
TR15, 16	0308531, 2	2SD381 (2) M, L	2C.2A
TR17, 18	0303371, 2	2SB536 (2) M, L	2B
TR19, 20	0301090, 1	2SA992 F, E	2C.2A
TR601	0306740, 1	2SC1845 F, E	4A
TR602	0303231, 2	2SB507V11-AL D, E	3A
TR603	0308392, 3	2SD313AL E, F	4A
TR604	0308392, 3	2SD313AL E, F	4A
IC 01	0360900	HA12002	3B
•FETs			
FET01, 02	0370311, 2	2SK129 L, M	
•Diodes			
D 01, 02	0311160 0311180	1S2473D 1S1588	2C.2A
D 05, 06	0311160 0311180	1S2473D 1S1588	2C.2A
D 601	0311700	RB152	4B
D 602	0310350	10D2	4B
D 603	0310350	10D2	4C
D 604	0311290	SS-3	3C
D 605	0311300	SS-3R	3B
D 606	0310350	10D2	
•Zener Diodes			
ZD601	0317170	RD24F (B)	3B
ZD602	0317240	RD33F (C)	4A
ZD603	0317240	RD33F (C)	3A
ZD604, 605	0317110 0317120	RD18F (B) RD18F (C)	2B
C 601	0655472	4700pF 500V C.C.	4C
C 602	0655472	4700pF 500V C.C.	4C
C 603	0655472	4700pF 500V C.C.	4B
C 604	0655472	4700pF 500V C.C.	4C
C 605	9655472	4700pF 500V C.C.	4C
C 606	0655472	4700pF 500V C.C.	4B
C 607	0655472	4700pF 500V C.C.	4B
C 608	0655472	4700pF 500V C.C.	4B
C 609	0655472	4700pF 500V C.C.	4B
C 610	0655472	4700pF 500V C.C.	4C
C 612	0549207	1000μF 63V E.C.	4B
R 03, 04	0212100	10Ω 2W N.I.R.	1C.1A
R 37, 38	0200100	10Ω 1/2W N.I.R.	
R 43, 44	0200221	220Ω 1/2W N.I.R.	2B.2A
R 49, 50	0200471	470Ω 1/2W N.I.R.	2A
R 51, 52	0200221	220Ω 1/2W N.I.R.	1C.1A
R 53, 54	0200221	220Ω 1/2W N.I.R.	1B
R 59, 60	0200229	2.2Ω 1/2W N.I.R.	1C.1A
R 65, 66	0200229	2.2Ω 1/2W N.I.R.	1B
R 71, 72	0153338	0.33Ω 3W Ce.R.	1C.1A
R 77, 78	0153338	0.33Ω 3W Ce.R.	1B
R 81, 82	0212109	1Ω 2W N.I.R.	1C.1A
R 601	0201122	1.2kΩ 1W N.I.R.	4B
R 602	0212822	8.2kΩ 2W N.I.R.	3C
R 604	0201102	1.0kΩ 1W N.I.R.	4B
R 605	0185331	330Ω 5W Ce.R.	4A, B
R 606	0185471	470Ω 5W Ce.R.	4B
R 616	0201332	3.3kΩ 1W N.I.R.	2B
R 617	0201332	3.3kΩ 1W N.I.R.	2A
L 01, 02	4290370	1μH Filter	1C.1A
RL601	1150400 1150480	Relay Relay	
VR01, 02	1034150	100Ω B 2.5x2 DC 0V Volume	2B.2A, B
VR03, 04	1034150	100Ω B 2.5x2 Bias Current Volume	2C.2A
F 601	0432240	2A 250V AC Fuse	4C
F 602	0432220	1A 250V AC Fuse	4C
F 603	0432220	1A 250V AC Fuse	4C
F 604	0432500	7A 125V AC Fuse	3C

4-6. F-2852 Equalizer Circuit Board (Stock No. 7551401)

Conductor Side

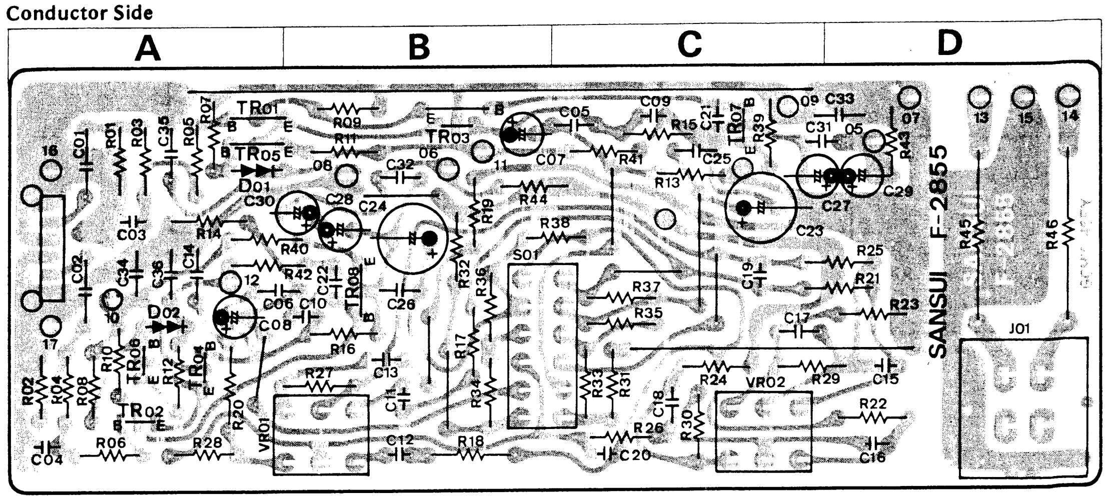


Parts List

Parts No.	Stock No.	Description	Position
•Transistors			
TR01, 02	0306740, 1	2SC1845 F, E	1C, 2C
TR03, 04	0301090, 1	2SA992 F, E	1B, 2B
TR05, 06	0301090, 1	2SA992 F, E	1B, 2B
TR07, 08	0308570 ~ 2	2SD438 D, E, F	1B, 2B
•FETs			
FET01, 02	0370302, 3	2SK-117 GR, BL	1B, 2B
FET03, 04	0370302, 3	2SK-117 GR, BL	1B, 2B
•Diodes			
D 01, 02	0340150	MV-12 Varistor	1C, 2C
D 03, 04	0311160 0311180	1S2473D 1S1588	1C, 2C
D 601	0311160 0311180	1S2473D 1S1588	1D
C 01, 02	0620101	100pF 50V P.C.	1C, 2C
C 07, 08	0620101	100pF 50V P.C.	1B, 2B
C 17, 18	0625103	10000pF 50V P.C.	1A, 2A
C 19, 20	0625272	10000pF 50V P.C.	1A, 2A
C 21, 22	0620151	2700pF 50V P.C.	1A, 2A
R 07, 08	0280272	2.7kΩ 1/3W C.R.	
R 13, 14	0280151	150Ω 1/3W C.R.	
R 25, 26	0211392	3.9Ω 1W N.I.R.	
R 27, 28	0231561	560Ω 1/2W Me.R.	1B, 2B
R 29, 30	0231153	560Ω 1/2W Me.R.	1A, 2A
R 31, 32	0231304	300kΩ 1/2W Me.R.	1A, 2A
R 33, 34	0231273	27kΩ 1/2W Me.R.	1A, 2A
R 45, 46	0191101	100Ω 1/4W F.R.	1A, 2A
R 47, 48	0191101	100Ω 1/4W F.R.	1A, 2A
S 601	1103590	Selector Switch	2D
	2410590	4P Pin Ass'y Type D	
	2410910	2P Pin Ass'y Type E	
	2410920	3P Pin Ass'y Type E	

4-7. F-2855 Tone Control Circuit Board (Stock No. 7562711)

Conductor Side

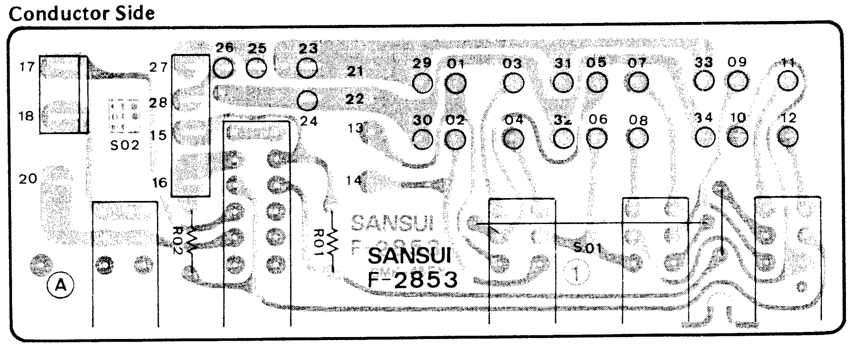


Parts List

Parts No.	Stock No.	Description	Position
•Transistors			
TR01 ~ 06	0306070, 1 0306740, 1	2SC1313 F, G 2SC1845 F, E	A. B
TR07, 08	0301090, 1	2SA992 F, E	C. B
•Varistors			
D 01, 02	0340120 0340150	VD1212 MV-12	B
VR01, 02	1015360, 1	100kΩ x 2, Tone Control Volume	A, B .C
S 01	1131630, 1	Tone Defeat Switch	B.C
J 01	2430400	Head Phone Jack	D

4-8. F-2853 Tape Monitor Circuit Board (Stock No. 7597171)

Conductor Side



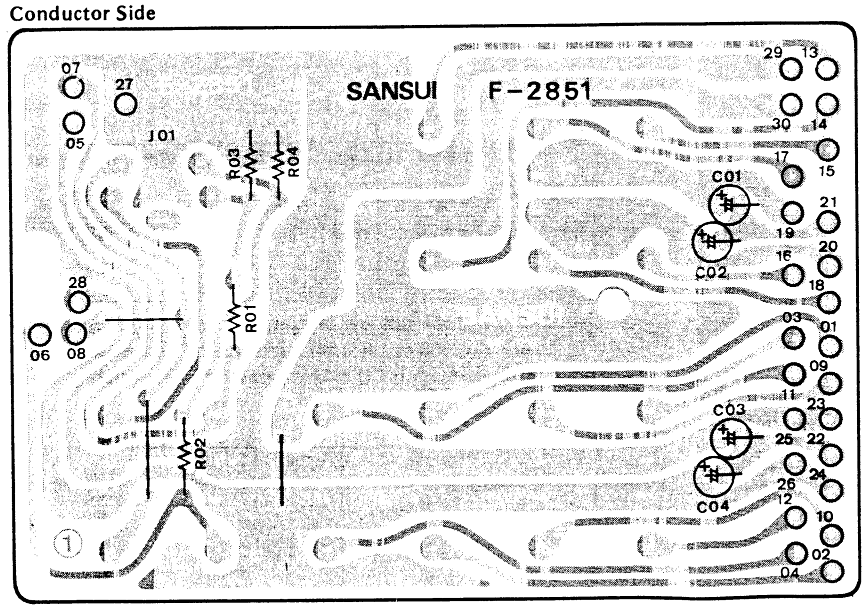
Parts List

Parts No.	Stock No.	Description
S 01	1131610, 1	4CH Adaptor Switch
S 02	1131600, 1	MODE & FM Muting Switch
	2410590	4P Pin Ass'y Type D
	2410910	2P Pin Ass'y Type E

- The circuit boards, F-2851, F-2854, F-2878, F-2862 & F-2981 are not supplied as the assembled, the individual parts on the circuit board, however, are provided for orders.

4-9. F-2851 Input Terminal Circuit Board

Conductor Side

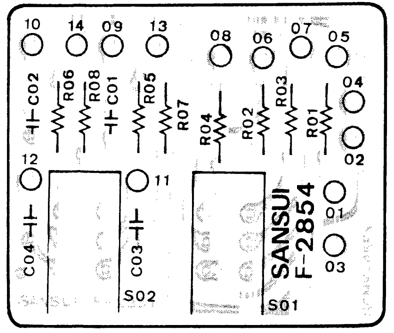


Parts List

Parts No.	Stock No.	Description
	2090030	5P Connector Socket
	2200490	12P Input Terminal
	2200530	6P Input Terminal

4-10. F-2854 Audio Muting Circuit Board

Conductor Side

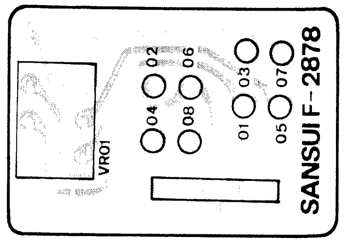

10
14
09
13
08
06
07
05
C02
R06
R08
C01
R05
R07
R04
R02
R03
R01
04
02
12
11
01
03
C04
C03
S02
S01
SANSUI
F-2854

Parts List

Parts No.	Stock No.	Description
C 01, 02	0620471	470pF 50V P.C.
S 01	.1131560, 1	Audio Muting Switch

4-12. F-2878 Balance Volume Circuit Board

Conductor Side

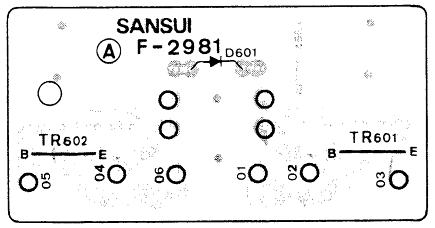

02
06
03
07
04
08
01
05
VR01
SANSUI F-2878

Parts List

Parts No.	Stock No.	Description
VR01	1015320, 1	250kΩ x 2 Balance Volume

4-14. F-2981 Power Transistor Circuit Board

Conductor Side

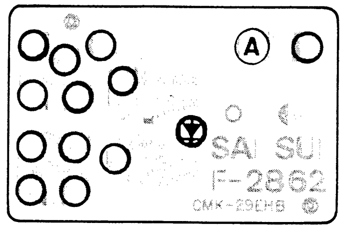

SANSUI
Ⓐ F-2981
D601
TR602
B
E
TR601
B
E
05
04
06
01
02
03

Parts List

Parts No.	Stock No.	Description
●Transistors		
TR601	0301140, 1	2SA1106NLB O, Y
TR602	0306810, 1	2SC2581NLB O, Y
●Diode		
D 601	0340161, 2	STV-3H Y, G

4-11. F-2862 Indicator Circuit Board

Conductor Side


Ⓐ
SANSUI
F-2862
CMK-29EHB

Parts List (Power Indicator Circuit)

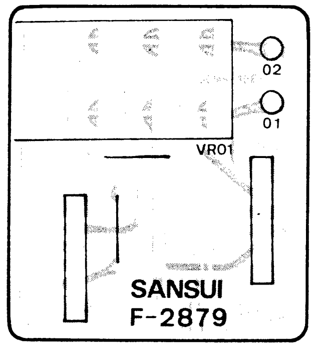
Parts No.	Stock No.	Description
LD601	0319050	SG2-13C (Green) LED

Parts List (FM Stereo Indicator Circuit)

Parts No.	Stock No.	Description
LD01	0319060	SG2-12C (Red) LED

4-13. F-2879 Master Volume Circuit Board

Conductor Side

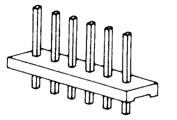
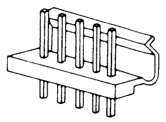
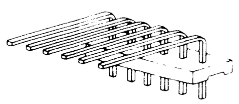
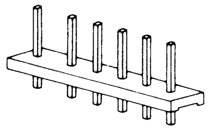
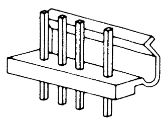
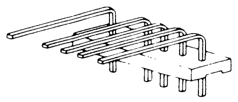

02
01
VR01
SANSUI
F-2879

Parts List

Parts No.	Stock No.	Description
VR02	1011160, 1	150kΩ x 2 Volume

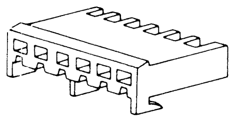
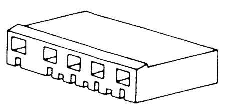
● Figures

Pin Ass'y

Type A (3~10pins)	Type B (3~10pins)	Type C (3~10pins)
		
Type D (2~6pins)	Type E (2~6pins)	Type F (2~6pins)
		

Note: Since stock number of famale connectors (type B) with wires are not shown in each parts list.of Complete circuit board, please refer to the above parts list when ordering the connector.

Conectors

Type A (3~10pins)	Type B (2~6pins)
	

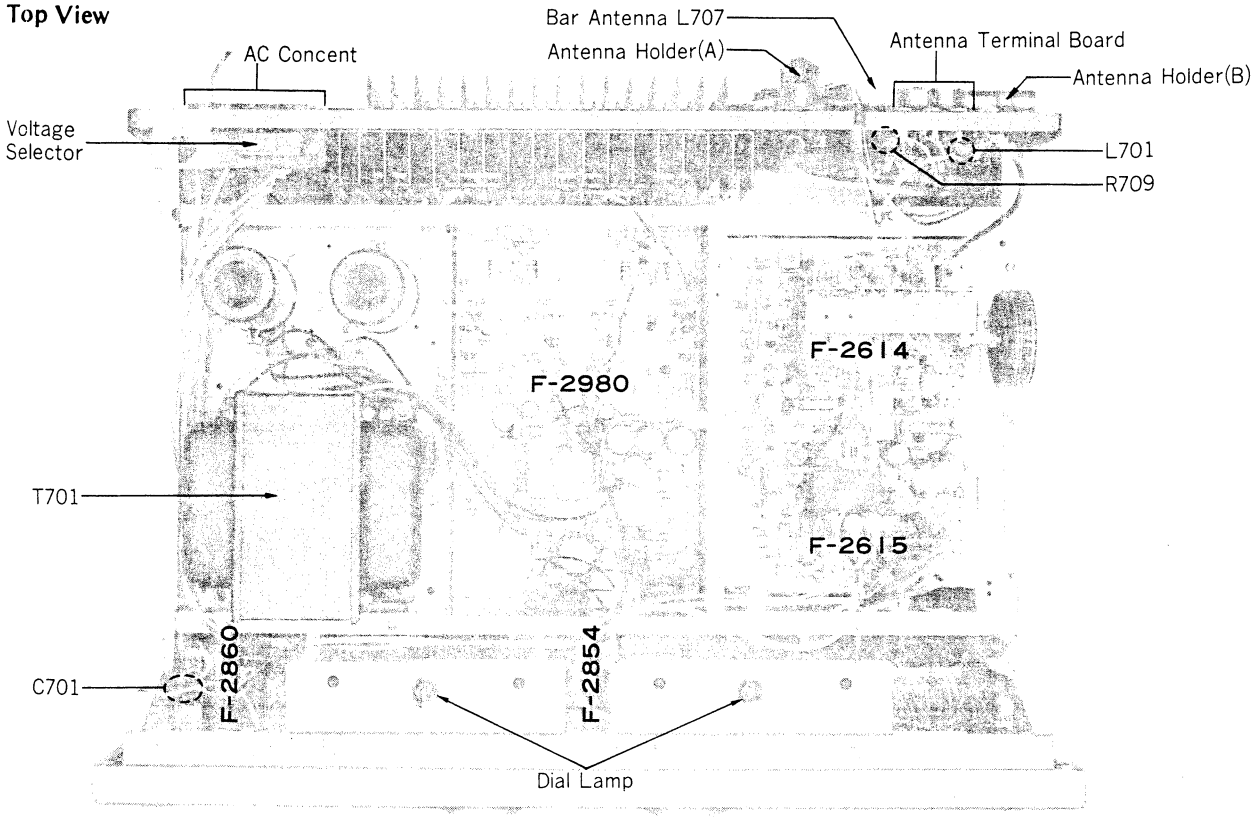
	Stock No.
2Pins	2420450
3Pins	2420460
3Pins(RED)	2420650
4Pins	2420470
5Pins	2420480
6Pins	2420490

● Abbreviations

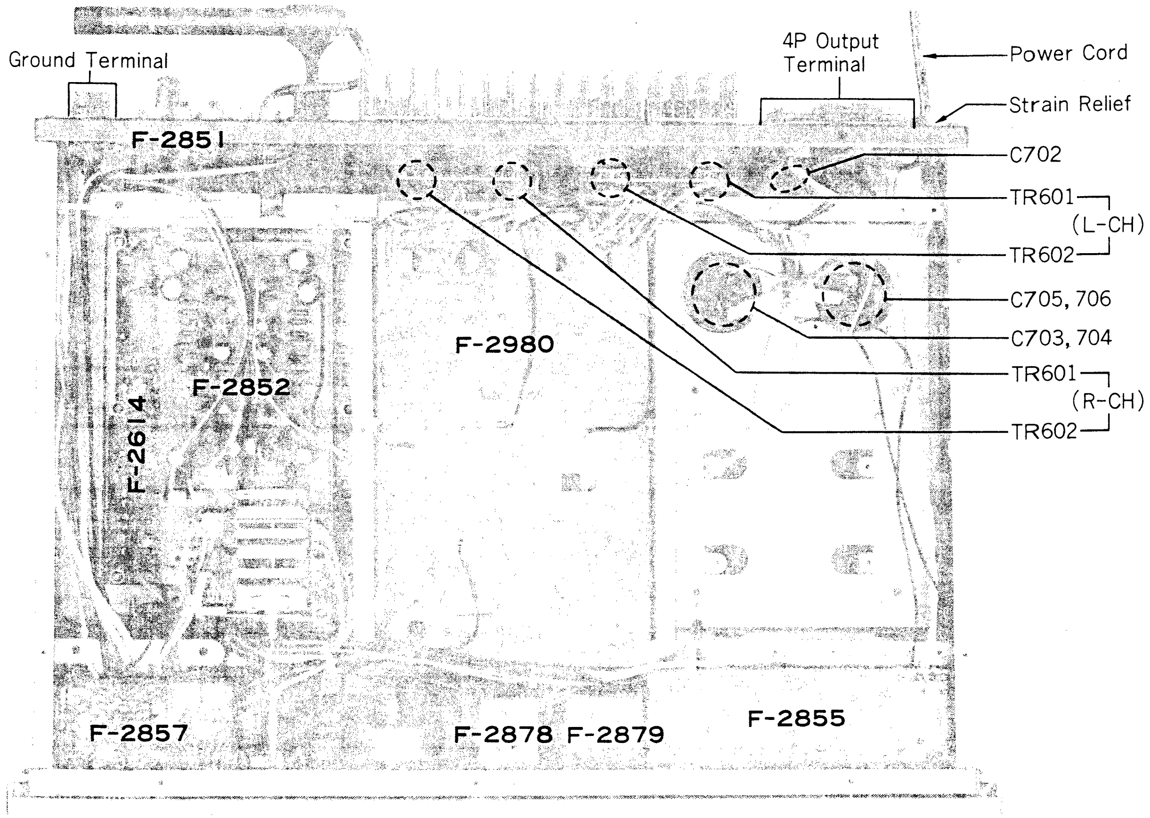
C.R.	: Carbon Resistor	E.C.	: Electrolytic Capacitor
S.R.	: Solid Resistor	BP.E.C.	: Bi-Polar Electrolytic Capacitor
Ce.R.	: Cement Resistor		
M.R.	: Metal Film Resistor	C.C.	: Ceramic Capacitor
		Mi.C.	: Mica Capacitor
F.R.	: Fusing Resistor	O.C.	: Oil Capacitor
N.I.R.	: Non-Inflammable Resistor	P.C.	: Polystyrene Capacitor
		T.C.	: Tantalum Capacitor
M.C.	: Mylar Capacitor		

5. OTHER PARTS

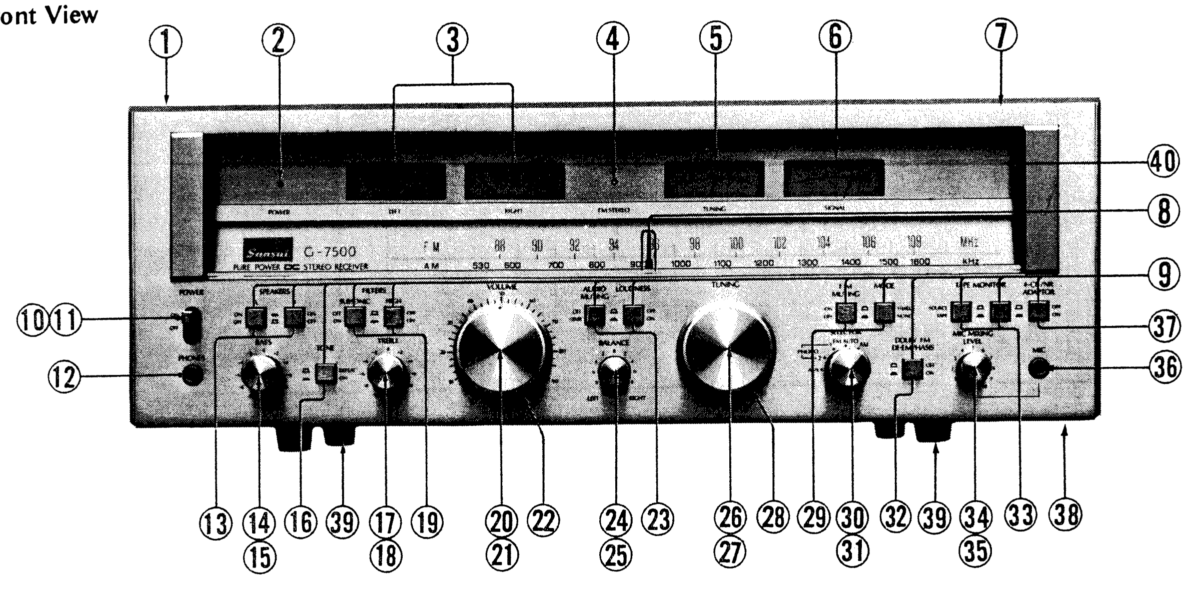
5-1. Top View


Bar Antenna L707
Antenna Holder(A)
AC Concent
Antenna Terminal Board
Antenna Holder(B)
Voltage Selector
L701
R709
F-2614
F-2980
T701
F-2615
C701
F-2860
F-2854
Dial Lamp

5-2. Bottom View


Ground Terminal
4P Output Terminal
Power Cord
Strain Relief
F-2851
C702
TR601
(L-CH)
TR602
C705, 706
C703, 704
F-2980
F-2852
TR601
(R-CH)
TR602
F-2614
F-2857
F-2878 F-2879
F-2855

5-3. Front View



Parts List ≪Front View≫

Parts No.	Stock No.	Description
1	5727132	Wood Bonnet
2	0319050	Power Indicator, LED (Green)
3	4301280, 1	Power Meter
4	0319060	FM STEREO Indication, LED (Red)
5	4301240	Tuning Meter
6	4301230	Signal Meter
7	7008090	Front Panel Ass'y
	5408301	Front Glass
	5048111	Masking Plate
	5396320	Knob Ring
	5280020	Front Panel Retainer
	5517270	Masking Packing
8	7116090	Dial Pointer Ass'y
9	5326690	Push Switch Knob
10	1172000	Power Switch
11	5326701	Knob, power switch
12	2430400	Phone Jack
13	1131580, 1	Speaker Switch (A) (B)
14	1015360, 1	Bass Volume, 100kΩ x 2 (C)
15	5319091	Knob, bass volume
16	1131630, 1	Tone Switch
17	1015360, 1	Treble Volume, 100kΩ x 2 (C)
18	5319091	Knob, treble volume
19	1131560, 1	Subsonic & Filter Switch
20	1011160, 1	Volume, 150kΩ x 2 (B)
21	5319181	Knob, volume
22	5296194	Volume Grille
23	1131560, 1	Audio Muting & Loudness Switch
24	1015320	Balance Volume, 250kΩ x 2 MN
25	5319122	Knob, balance volume
26	7036620	Tuning Unit Ass'y
27	5319172	Knob, tuning unit ass'y
28	5296194	Grille, tuning unit ass'y
29	1131600, 1	FM Muting & Mode Switch
30	1103590	Selector
31	5319101	Knob, selector
32	1131620, 1	Dolby FM De-emphasis Switch
33	1131610, 1	Tape Monitor Switch (1), (2)
34	1090270, 1	Mic Mixing Volume
35	5319122	Knob, mic mixing volume
36	2430400	Mic Jack
37	1131610, 1	4-CH/NR Adaptor Switch
38	5058851	Bottom Plate
39	5516821	Leg
40	5408590	Dial Glass

Parts List ≪Top & Bottom View≫

Parts No.	Stock No.	Description
•Power Transistors (L-CH)		
TR601	0306810, 1	2SC2581NLB O, Y
TR602	0301140, 1	2SA1106NLB O, Y
•Power Transistors (R-CH)		
TR601	0301140, 1	2SA1106NLB O, Y
TR602	0306810, 1	2SC2581NLB O, Y
C 701	0605337	0.033μF 250V M.C.
C 702	0659802	0.0047μF 150V C.C.
C 703	0602109	1μF 100V M.C.
C 704	0559849	10000μF 71V E.C.
C 705	0559849	10000μF 71V E.C.
C 706	0602109	1μF 100V M.C.
R 701	0119335	3.3MΩ 1/2W S.R.
R 709	0103122	1.2kΩ 1/2W C.R.
L 701	4290021	Antenna Transformer
L 702	4200830, 1	Bar Antenna
T 701	4002770	Power Transformer
PL 701, 702	0400650	Dial Lamp, 8V 0.3A
	2410830	Voltage Selector Socket
	2410091	Voltage Selector Plug
	5286450	Antenna Holder (1) (A)
	5286480	Antenna Holder (2) (B)
	2210310	Antenna Terminal Board
	2230190	Ground Terminal
CO701	2450070	AC Concent
CO702	2450070	AC Concent
	2290190	4P Output Terminal
	3800470, 1	Power Cord
	3910490	Strain Relief

◎ Replacement of Power Transistors

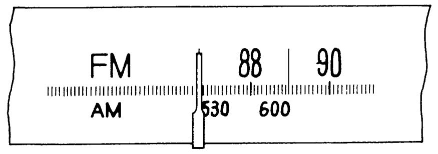
Procedure

1. Remove the bonnet.
2. Take the bottom plate off.
3. Loosen for screws then slide rear panel upward.
4. Loosen screws fixing circuit board F-2981 on the heat sink.
5. Remove power transistor from circuit board F-2981.

6. THREADING OF DIAL CORD

*If a dial cord is cut off or slips, replace it by following procedures.
As this unit uses 0.5 mmϕ cord, please replace it with the same type certainly.
*The length of dial cord is approximately 170cm (66.9 inch),

Fig. 6-2



(Start Point)

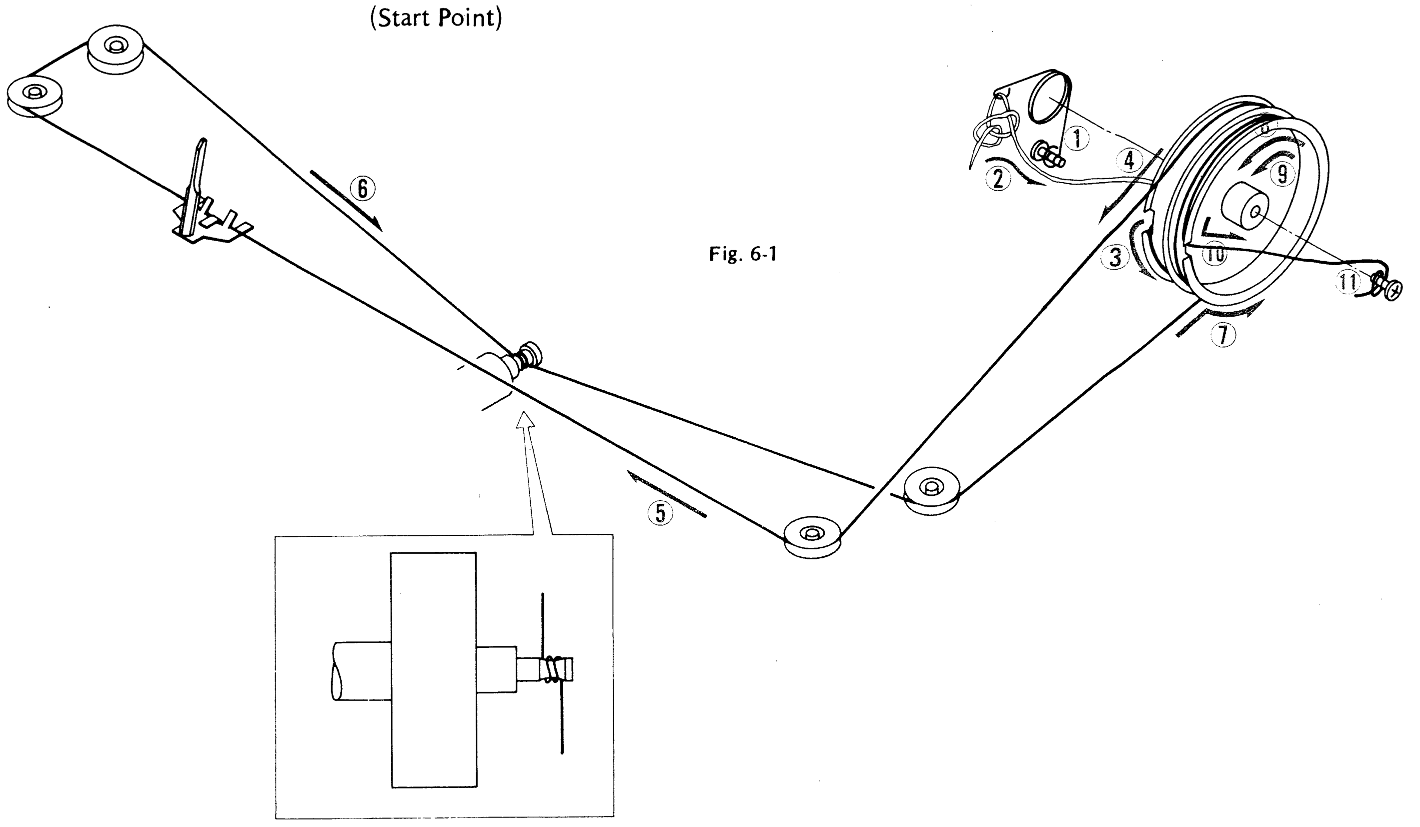


Fig. 6-1

Threading of Dial Cord

Thread the dial cord in numerical order from 1 to 11 as Fig. 6-1.
*Close the variable capacitor completely.

Stock No.	Description
6036050	Dial Cord (0.5 mmϕ)
6146681	Dial pulley

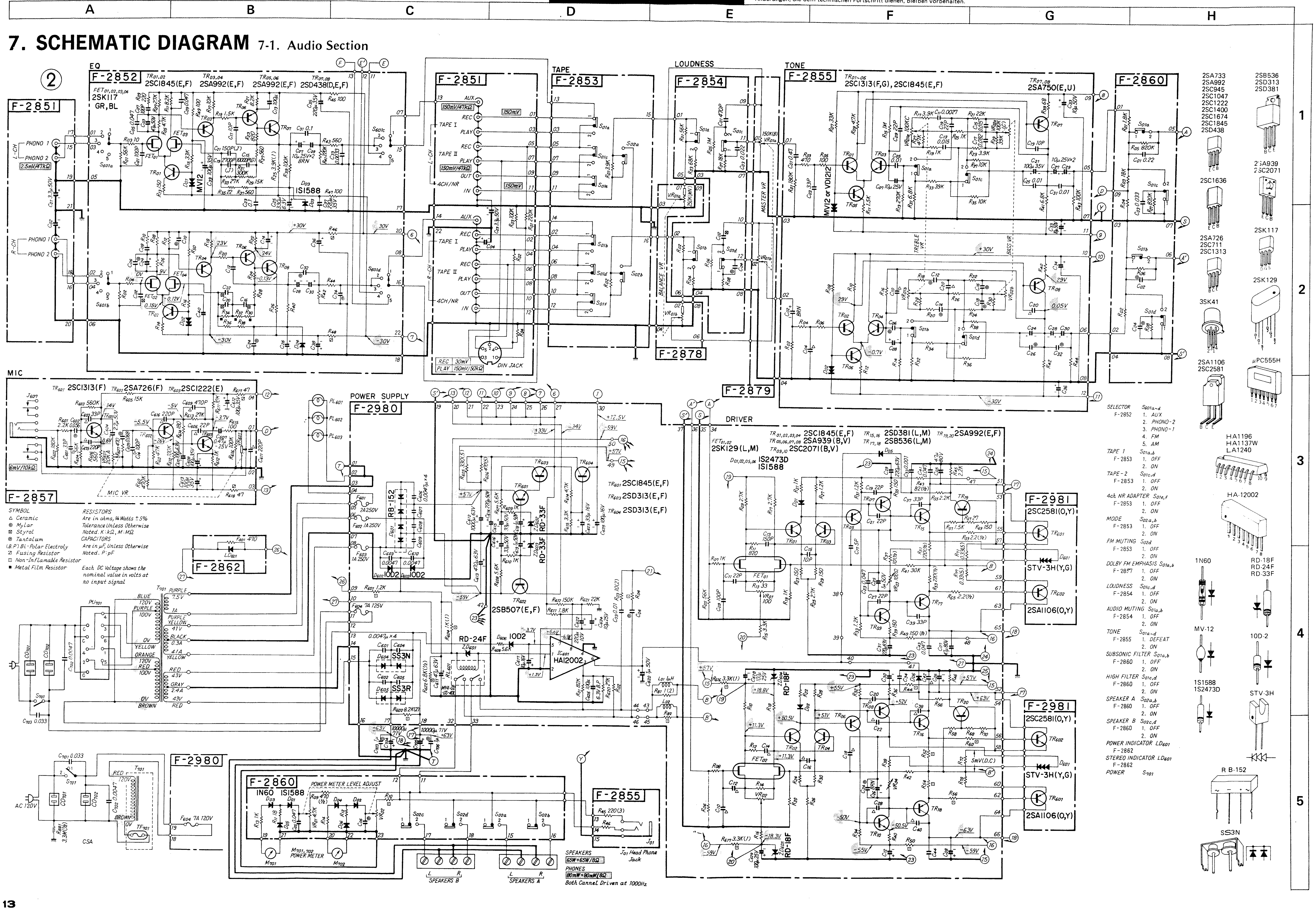
Attachment of Dial Pointer

1) Close the variable capacitor completely.
2) Set the dial pointer to the start point, the line at the left edge of the dial scale. (Fig. 6-2).

*Confirm that the dial pointer runs smoothly on the dial scale by turning the tuning shaft.

* Design and specifications subject to change without notice for improvement.
* La présention et les spécifications sont susceptibles d'êter modifiées sans préavis par suites d'améliorations éventuelles.
* Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.

7. SCHEMATIC DIAGRAM 7-1. Audio Section


A
B
C
D
E
F
G
H
1
2
3
4
5
②
EQ
F-2852
F-2851
F-2853
TAPE
LOUDNESS
F-2854
TONE
F-2855
F-2860
F-2878
F-2879
MIC
F-2857
MIC VR
6mV/10kΩ
POWER SUPPLY
F-2980
F-2862
DRIVER
F-2981
F-2855
F-2860
POWER METER LEVEL ADJUST
PHONO 1
PHONO 2
L-CH
R-CH
2.5mV/47kΩ
AUX
REC
TAPE I
PLAY
TAPE II
4CH/NR
IN
OUT
150mV/47kΩ
150mV
DIN JACK
REC 30mV
PLAY 150mV/50kΩ
BALANCE VR
MASTER VR
TREBLE VR
BASS VR
HA12002
RB-152
SS3N
SS3R
RD-24F
10D2
RD-33F
MV12
IS1588
STV-3H(Y,G)
2SC2581(O,Y)
2SA1106(O,Y)
RD-18F
SPEAKERS B
SPEAKERS A
SPEAKERS 65W+65W/8Ω
PHONES 80mW+80mW/8Ω
Both Cannel Driven at 1000Hz
J01 Head Phone Jack
M701,702 POWER METER
AC 120V
CSA
BLUE 120V
PURPLE 100V
0V YELLOW
ORANGE 120V
RED 100V
0V BROWN
PURPLE 7.5V 1A
PURPLE YELLOW 41V
BLACK 0.3A
41A YELLOW
RED 43V
GRAY 2.4A
43V RED
2SA733
2SA992
2SC945
2SC1047
2SC1222
2SC1400
2SC1674
2SC1845
2SD438
2SB536
2SD313
2SD381
2SA939
2SC2071
2SC1636
2SA726
2SC711
2SC1313
2SK117
2SK129
3SK41
2SA1106
2SC2581
μPC555H
HA1196
HA1137W
LA1240
HA-12002
1N60
RD-18F
RD-24F
RD-33F
MV-12
10D-2
1S1588
1S2473D
STV-3H
R B-152
SS3N
B C E

SYMBOL
- △ Ceramic
- ◎ Mylar
- ⊠ Styrol
- ⊗ Tantalum
- (B.P) Bi-Polar Electroly
- ⊿ Fusing Resistor
- ⊡ Non-Inflamable Resistor
- ■ Metal Film Resistor

RESISTORS
Are in ohms, ¼ Watts ±5%
Tolerance Unless Otherwise
Noted. K: kΩ, M: MΩ

CAPACITORS
Are in μF, Unless Otherwise
Noted. P: pF

Each DC Voltage shows the
nominal value in volts at
no input signal

SELECTOR $S_{601a\sim d}$
F-2852 1. AUX
2. PHONO-2
3. PHONO-1
4. FM
5. AM

TAPE 1 $S_{01a,b}$
F-2853 1. OFF
2. ON

TAPE-2 $S_{01c,d}$
F-2853 1. OFF
2. ON

4ch NR ADAPTER $S_{01e,f}$
F-2853 1. OFF
2. ON

MODE $S_{02a,b}$
F-2853 1. OFF
2. ON

FM MUTING S_{02d}
F-2853 1. OFF
2. ON

DOLBY FM EMPHASIS $S_{01a,b}$
F-2857 1. OFF
2. ON

LOUDNESS $S_{01c,d}$
F-2854 1. OFF
2. ON

AUDIO MUTING $S_{01a,b}$
F-2854 1. OFF
2. ON

TONE $S_{01a\sim d}$
F-2855 1. DEFEAT
2. ON

SUBSONIC FILTER $S_{01a,b}$
F-2860 1. OFF
2. ON

HIGH FILTER $S_{01c,d}$
F-2860 1. OFF
2. ON

SPEAKER A $S_{02a,b}$
F-2860 1. OFF
2. ON

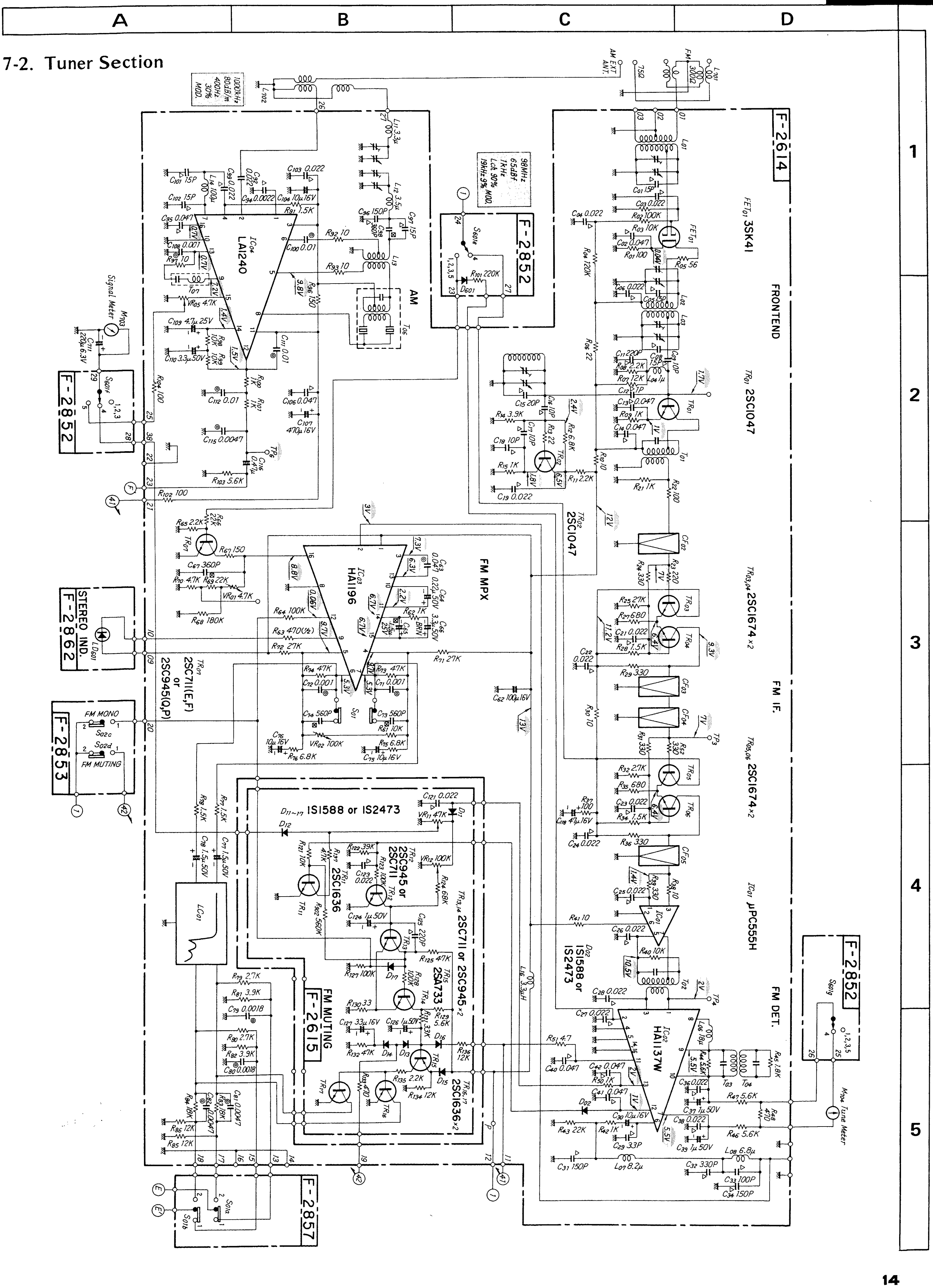
SPEAKER B $S_{02c,d}$
F-2860 1. OFF
2. ON

POWER INDICATOR LD_{601}
F-2862

STEREO INDICATOR LD_{601}
F-2862

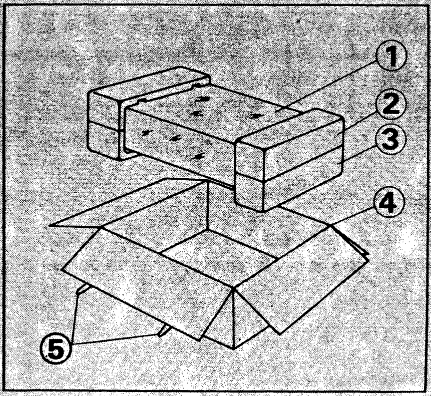
POWER S_{701}

7-2. Tuner Section


A
B
C
D
1
2
3
4
5
1000kHz 80dB/m 400Hz 30% MOD.
AM EXT ANT.
FM 300Ω
L702
L701
F-2614
FRONTEND
FET01 3SK41
TR01 2SC1047
TR02 2SC1047
TR03,04 2SC1674×2
TR05,06 2SC1674×2
FM IF.
IC01 μPC555H
D02 1S1588 or 1S2473
FM DET.
IC02 HA1137W
T03
T04
M704 Tune Meter
F-2852
S601g
98MHz 65dBf 1kHz Lch 90% 19kHz 9% MOD.
S601e
D601
R101 220K
AM
IC04 LA1240
T07
T06
M703 Signal Meter
S601f
FM MPX
IC03 HA1196
TR07
STEREO IND.
F-2862
LD601
TR11 2SC711(E,F) or 2SC945(Q,P)
S01
VR02 100K
VR01 4.7K
FM MONO
FM MUTING
S02c
S02d
F-2853
D11~17 1S1588 or 1S2473
TR11 2SC1636
TR12 2SC945 or 2SC711
TR13,14 2SC711 or 2SC945×2
TR15 2SA733
TR16,17 2SC1636×2
FM MUTING
F-2615
LC01
L16 3.3μH
F-2857
S01a
S01b
E
E'
F
41
42
1

8. PACKING LIST

Parts No.	Stock No.	Description
1	9116810	Vinyl Cover
2	9028260	Stylofoam Packing (Upper)
3	9028270	Stylofoam Packing (Lower)
4	9001630	Carton Case
5	5996080	Curl Stopper



9. ACCESSORY PARTS LIST

Stock No.	Description
9204420	Operating Instructions
9237900	Schematic Diagram
2410560	Short Pinplug 2 pcs.
3820100	FM Antenna

MEMO

Sansui

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SANSUI AUDIO EUROPE S.A.: Arabella center, 6 Frankfurt AM Main, Lyoner Strasse 44-48, West Germany
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